

**digital**

## **BALL-K**

**Engineering Drawings**

**Digital Equipment Corporation**

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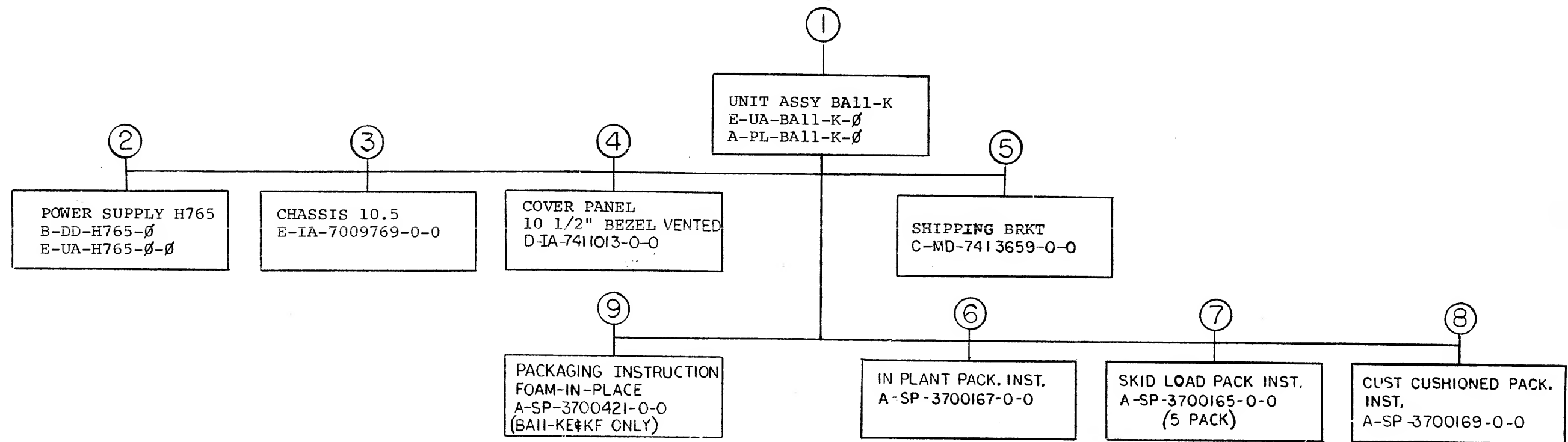
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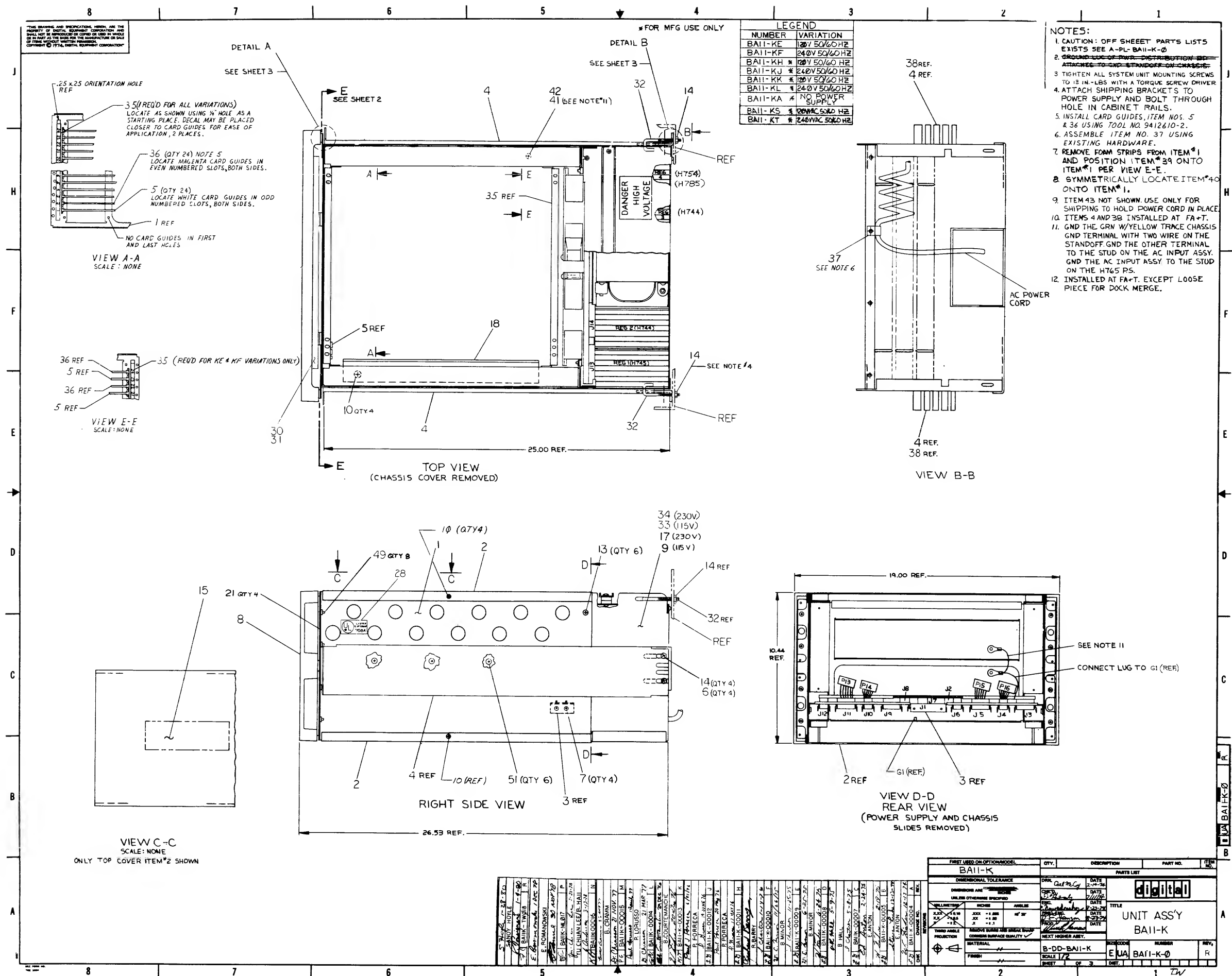
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DATE	CHG. NO.	REV			J. FERGUSEN	6/22/74						
E.A.	BAIK-4	A			CHK'D.	DATE						
E.A.	BAIK-5	B			D. HEALY	7/3/74	DRAWING DIRECTORY BALL-K					
WRH	BAIK-7	C			PROJ ENG.	DATE						
B.M.	BAIK-8	D			E. Antm	9/4/74						
L.J.	BAIK-9	E			PROD.	DATE	SIZE	CODE	NUMBER	REV		
RS	BAIK-10	F			R.H. Pater	10/1/74						
R.F.	BAIK-11	H			FIELD SERV.	DATE	B	DD	BALL-K	D		
R.P.	BAIK-12	J			R.L. Gates	9/13/74	MP00311-00					
R.P.	BAIK-13	K										
3-77	BAIK-14	L										
11-77	BAIK-15	M										
11-78	BAIK-ML17	N										
	BAIK-18	P										
			SHEET 1 OF 4									



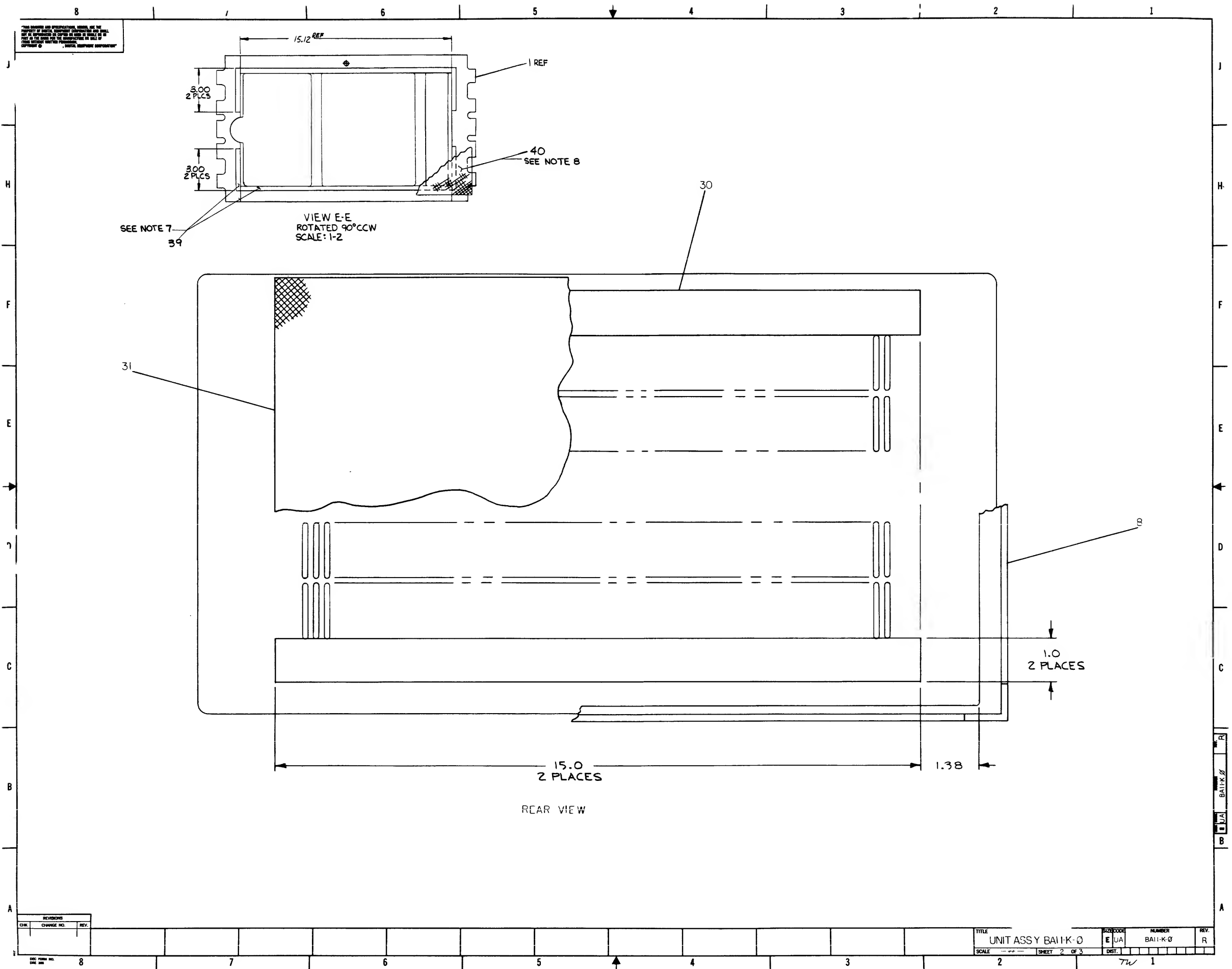
TITLE	SHEET	SIZE	CODE	NUMBER	REV
DRAWING DIRECTORY BALL-K	2 OF 4	B	DD	BALL-K	P







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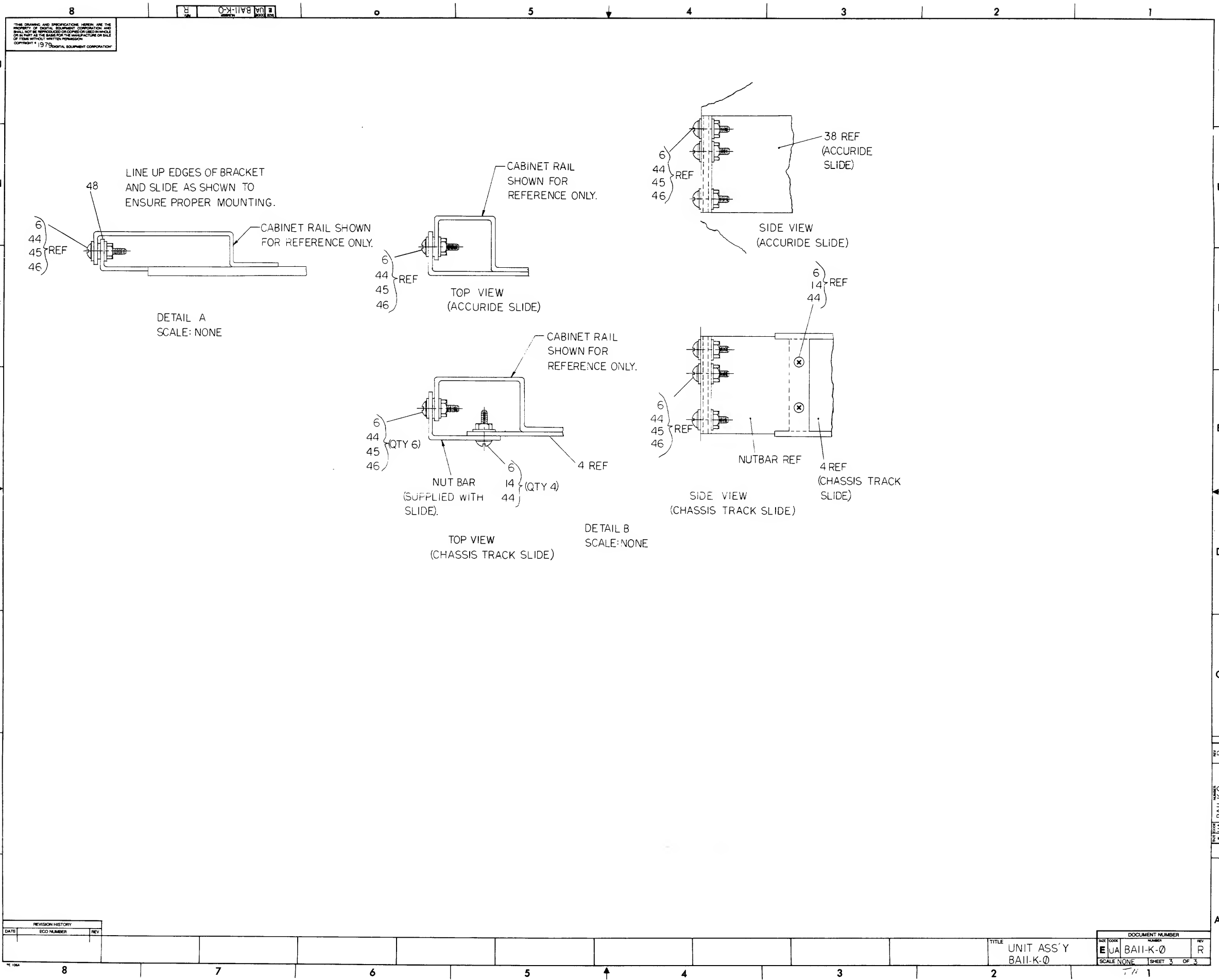
REVISIONS		
CHK	CHANGE NO.	REV.

8 7 6 5 4 3 2 1

TITLE		UNIT ASSY BAIL-K-0
SCALE	SHEET 2 OF 3	DIST.

SIZE CODE	NUMBER	REV.
E UA	BAIL-K-0	R

BAIL-K-0







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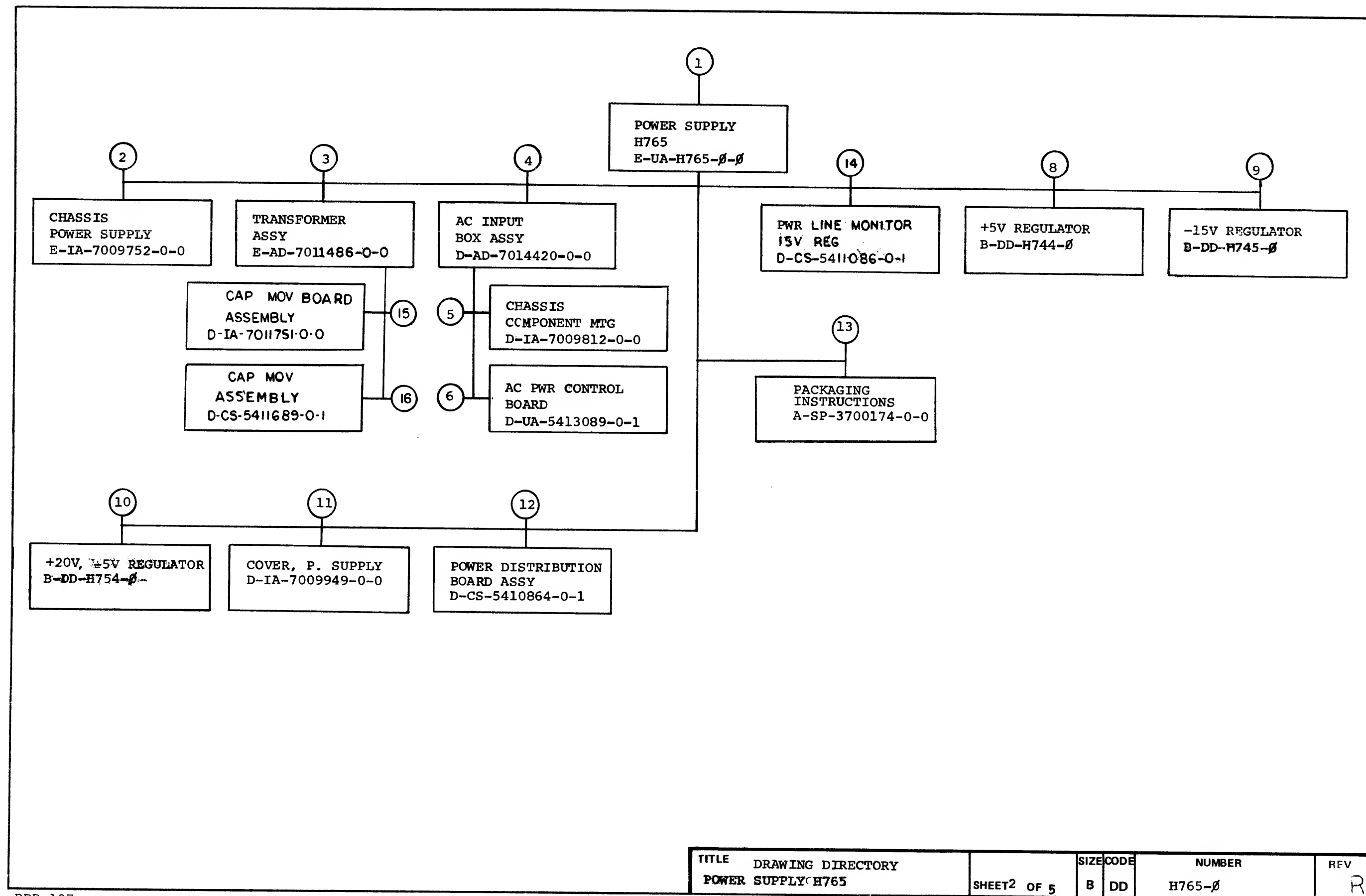
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A-SP-3700174-0-0

B-DD-H744-Ø  
B-DD-H745-Ø  
B-DD-H754-Ø

D-CS-5410864-0-1  
D-AD-7012500-0-0  
D-CS-5411086-0-1  
E-AD-7011486-0-0

REVISIONS																				USED ON OPTION/MODEL		DRN.		DATE		TITLE				SIZE		CODE		NUMBER				REV							
DATE	CHG. NO.	REV																		Ball-X		J. FERGUSON	6/25/74																						
CN	H765-3	A																				CHK'D.	DATE	DRAWING DIRECTORY POWER SUPPLY H765				B		DD		H765-Ø				F									
CN	H765-4	B																		11/35-S		D. HEALY	7/3/74																						
SL	H765-6	C																				PROJ ENG.	DATE	SIZE				CODE		NUMBER				REV											
SL	H765-7	D																				E. A. J.	8/4/74																						
RK	H765-8	E																				PROD.	DATE	B		DD		H765-Ø				F													
RTB	H765-9	F																				R. K. P.	10/1/74																						
R.P.	H765-10	H																				FIELD SERV.	DATE	DIST																					
R.L.P.	H765-11	J																																											
K	H765-12	K																						SHEET 1 OF 5				R. L. G. + S				9/13/74													
L	H765-13	L																																											
M	H765-14	M																																											
N	H765-15	N																																											
P	H765-16	P																																											
R	H765-17	R																																											









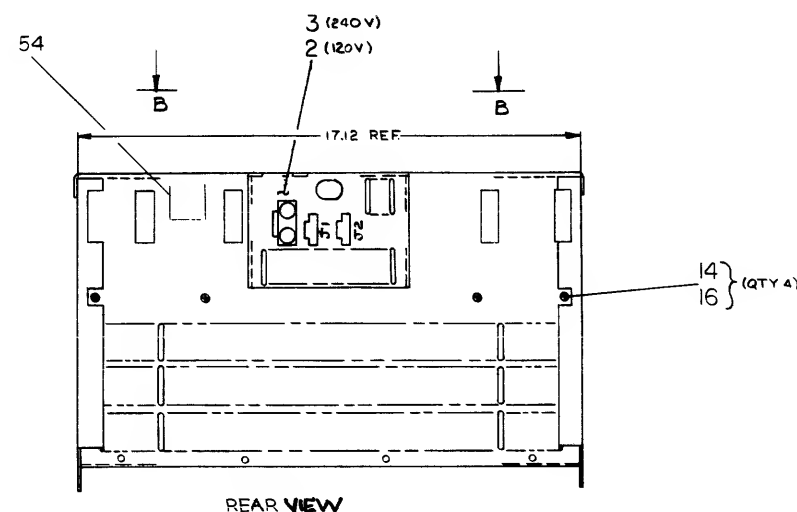
## NOTES

NUMBER	VARIATION
H765-A	120 V 50/60 HZ
H765-B	240 V 50/60 HZ
H765-C	120V 50/60 HZ NO H754
H765-D	240V 50/60 HZ NO H754
H765-P	120 V 50/60 HZ NO RE
H765-R	240 V 50/60 HZ NO RE

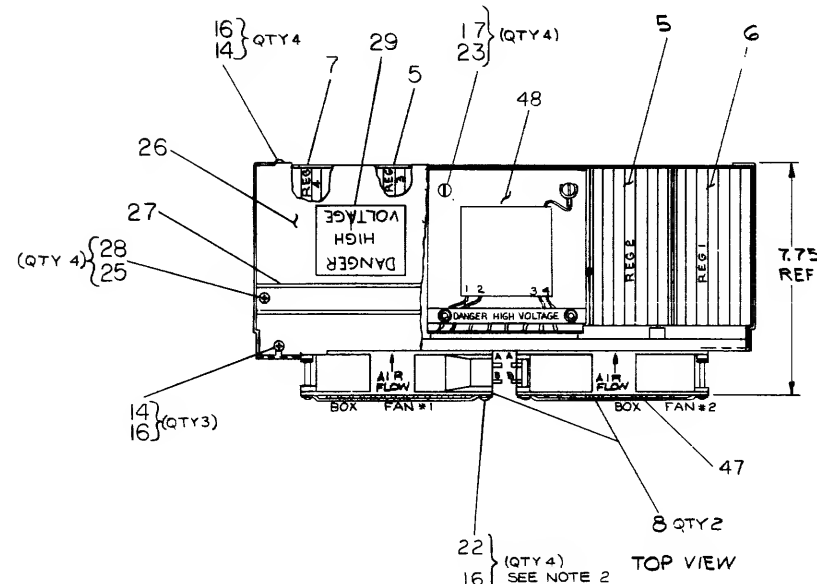
NOTES CONT.

10. ITEM 16156 (SCREW & WASHER) TO BE USED TO MOUNT 54110B (ITEM 4) IN AC INPUT BOX (ITEM 2 OR 3) IN A,B,C,D VERSION, IN P/R VERSION INSTALL SCREW & WASHER IN MOUNTING HOLES. THEY WILL BE USED ON A HIGHER ASSEMBLY.

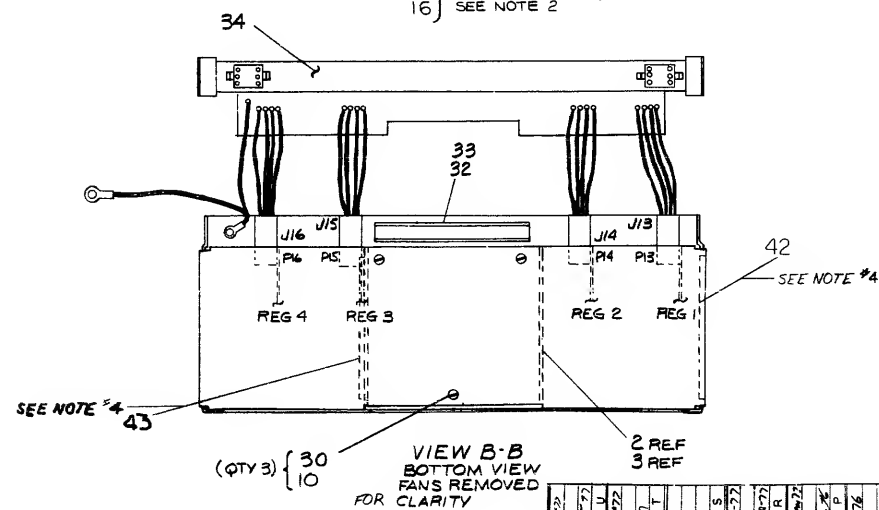
- ~~1. TIGHTEN TRANSFORMER ASSEMBLY TO TORQUE SHEET E FOR SOMEWHAT ORIENTATION OF CLAMPED PLUS WIRES.~~
2. TIGHTEN FAN SCREWS TO 10 IN-LBS WITH A TORQUE SCREW DRIVER.
- ~~3. USE ITEM 34 IN PLACE OF THE 3-TIE WHEN USING REGULAR FANS.~~
4. INSTALL A.B.S VINYL, VIEW B:B ITEM #42 AND #43. CENTER 1/4 INCH FROM BOTTOM AND SIDES ON INSIDE WALL.
- ~~5. USE CABLE TIE WITH INSIDER UPPER MOUNTING SCREW HEAD OF ABS TRANSFORMER ONLY.~~
- ~~6. GREEN/YELLOW WIRE FROM TRANSFORMERS TO BE FASTENED UNDER REGULATOR MOUNTING SCREW.~~
- ~~7. IN EARLIER VERSIONS OF THE TRANSFORMER ASSEMBLY A CABLE CLAMP WAS USED IN PLACE OF THE 3-TIE WIRING TO CROSS THE TRANSFORMER WIRES ALONG THE TRANSFORMER BODY.~~
8. ITEM 7 - H754 IS NOT USED IN VARIATIONS C & D.
9. ITEM 33 IS TO BE USED TO PREVENT CORROSION OF CHASSIS AT GROUND STUD.



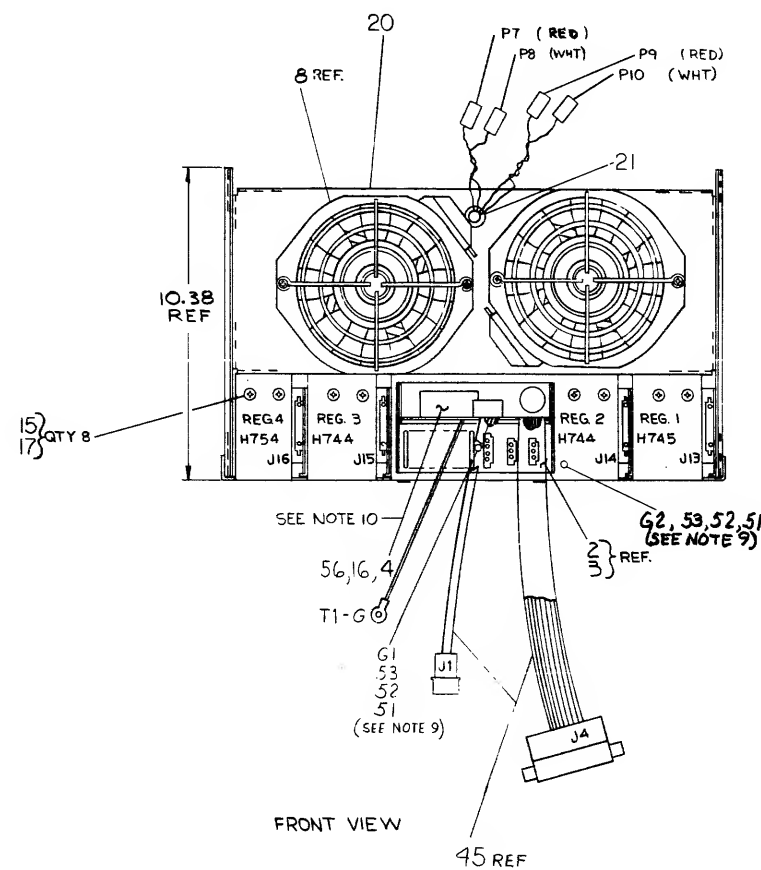
REAR VIEW



TOP VIEW



VIEW B-B  
BOTTOM VIEW  
FANS REMOVED  
FOR CLARITY



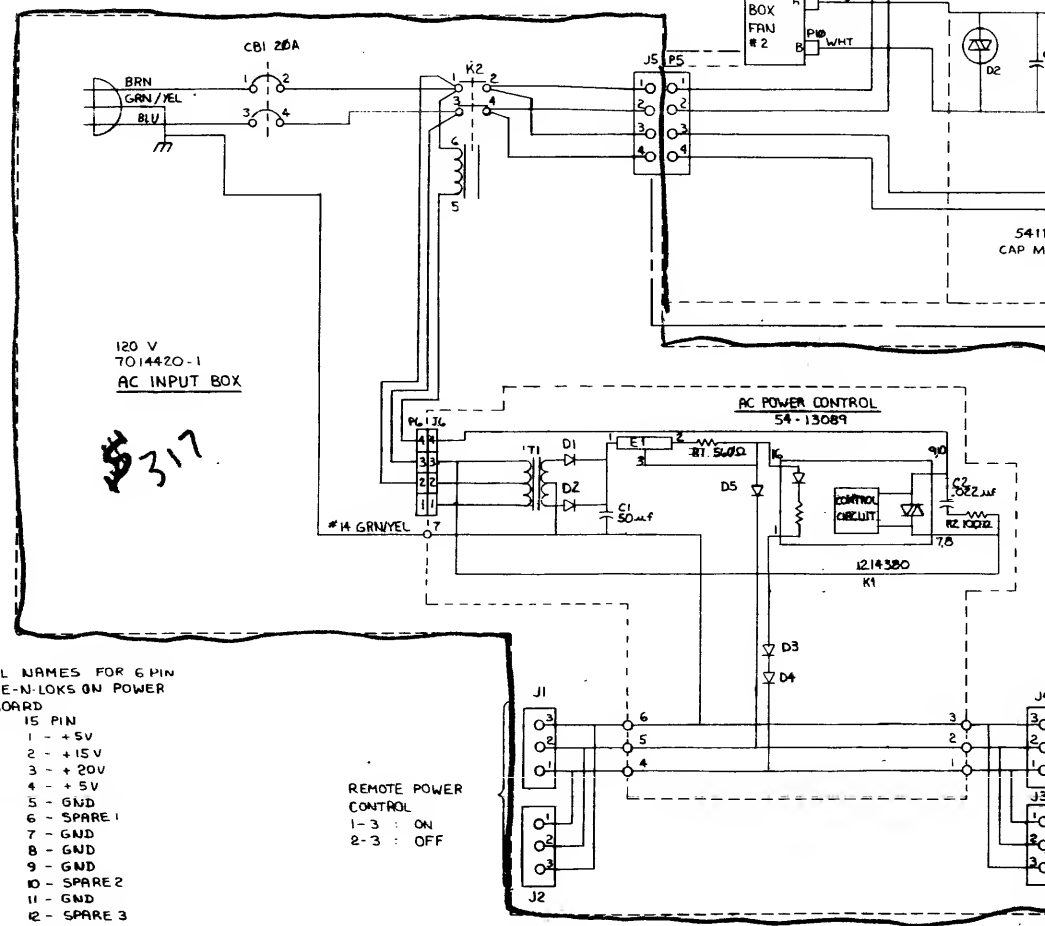
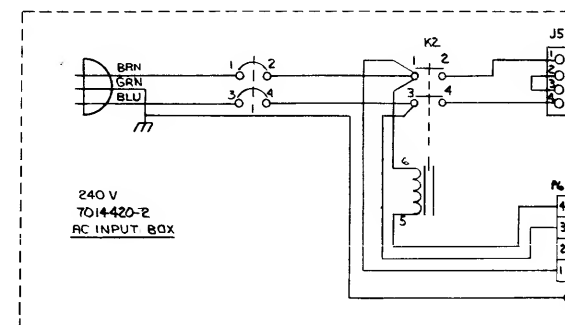
FRONT VIEW

4	4	4	4	4	4	SCR PH HD 632X1/8	9006020-1	56
1	1	1	1	1	1	CABLE GND	7013825-02	55
1	1	1	1	1	1	DECAL	A-DC-7418261-00	54
A/R	A/R	A/R	A/R	A/R	A/R	GREASE CONDUCTOR	4901173-01	53
2	2	2	2	2	2	WASHER LOCK EXT TOOTH #32	9006072	52
2	2	2	2	2	2	NU_T, KEP #8-32	9006563	51
2	2	2	2	2	2	TERMINAL BUNG BUNG	9006282	50
A/R	A/R	A/R	A/R	A/R	A/R	WIRE, AAWG 6-1/2	9003333-34	49
1	1	1	1	1	1	TRANSFORMER ASSEMBLY	E-AD-70146-0-0	48
2	2	2	2	2	2	FAN GUARD	1212561	47
1	1	1	1	1	1	WASHER LOCK EXT TOOTH #10	9006033	46
1	1	1	1	1	1	HARNES INTERCONN.	D-1A-700130-0-0	45
1	1	1	1	1	1	WASHER LOCK EXT TOOTH #10	9006033	44
1	1	1	1	1	1	A.B.S VINYL 4.75 X3.5	1210984-03	43
1	1	1	1	1	1	A.B.S VINYL 4.75 X6	1210984-04	42
1	1	1	1	1	1	WASHER LOCK EXT TOOTH #10	9006033	41
REF	REF	REF	REF	REF	REF	TEST PROCEDURE	A-SP-H765-0-1	40
REF	REF	REF	REF	REF	REF	TESTER C.S.	A-CS10-H765-7A-1	39
REF	REF	REF	REF	REF	REF	TESTER U.A.	E-UA-H765-7A-1	38
REF	REF	REF	REF	REF	REF	TESTER P.L.	A-PL-H765-7A-0	37
REF	REF	REF	REF	REF	REF	H765 POWER SUPPLY ASSEMBLY PROCEDURE	A-SP-H765-0-9	36
REF	REF	REF	REF	REF	REF	PACKAGING INSTRUCTIONS	A-SP-370017-00	35
1	1	1	1	1	1	PWR DISTRIBUTION BD	A-SP-541064-0-1	34
A/R	A/R	A/R	A/R	A/R	A/R	PERNIA BOLT	9006917	33
A/R	A/R	A/R	A/R	A/R	A/R	GRAMMET STRIP	9006921	32
4	4	4	4	4	4	TE W/PM 1/8W	9007080	31
3	3	3	3	3	3	WASH, C'SK # 6	9006270	30
1	1	1	1	1	1	STICKER DANGER HIGH VOLTAGE	3610267	29
4	4	4	4	4	4	WASH, INT TOOTHLOCK #8	9006614	28
1	1	1	1	1	1	ROUGH WIRE	D-1A700990-05	27
1	1	1	1	1	1	COVER, POWER SUPPLY	D-1A700999-0-0	26
4	4	4	4	4	4	SCR PH HD TRUSS15-32X42	9006040-3	25
1	1	1	1	1	1	WASHER LOCK EXT TOOTH #10	9006033	24
4	4	4	4	4	4	SCR PHHD TRUSS10-32X50	9006073-3	23
4	4	4	4	4	4	SCR PHHD TRUSS6-321.75	9006031-3	22
1	1	1	1	1	1	GRAMMET, 50 ID	9007016	21
1	1	1	1	1	1	CHASSIS, POWER SUPPLY	E-1A-7001752-0-0	20
1	1	1	1	1	1	CLAMP CABLE	D-1A-700130-0-0	19
1	1	1	1	1	1	WASHER LOCK EXT TOOTH #10	9006033-2	18
10	10	10	10	10	10	WASH INT TOOTH #10	9006635	17
11	11	11	11	11	11	WASH INT TOOTH #6	9006633	16
6	6	6	6	6	6	SCR PHHD TRUSS 10-32X25	9006007-3	15
7	7	7	7	7	7	SCR PHHD TRUSS6-32X.25	9006020-3	14
1	1	1	1	1	1	DECAL, NEDA	D-1A-7000133-0-0	13
1	1	1	1	1	1	DECAL, VL	D-1A-7000133-0-0	12
1	1	1	1	1	1	SCR, PH, PLT HD 6-32X30	9006062	11
3	3	3	3	3	3	SCR, PH, PLT HD 6-32X.31	9006040-2	10
1	1	1	1	1	1	WASHER LOCK EXT TOOTH #10	9006033	9
2	2	2	2	2	2	FAN, 115 VAC 50/60HZ	1211714	8
1	1	1	1	1	1	+20V REGULATOR (H784)	B-DD-H754-0	7
1	1	1	1	1	1	-15 V REGULATOR (H745)	B-DD-H745-0	6
1	1	2	2	2	2	+5 V REGULATOR (H744)	B-DD-H744-0	5
1	1	1	1	1	1	PWR. BD. (+15V REG)	E-TA-411086	4
1	1	1	1	1	1	AC INPUT BOX ASSY 230V	D-AD-704420-2-0	3
1	1	1	1	1	1	AC INPUT BOX ASSY 115V	D-AD-704420-1-0	2
1	1	1	1	1	1	TRANSFORMER, 115V	D-AD-704420-0-0	1

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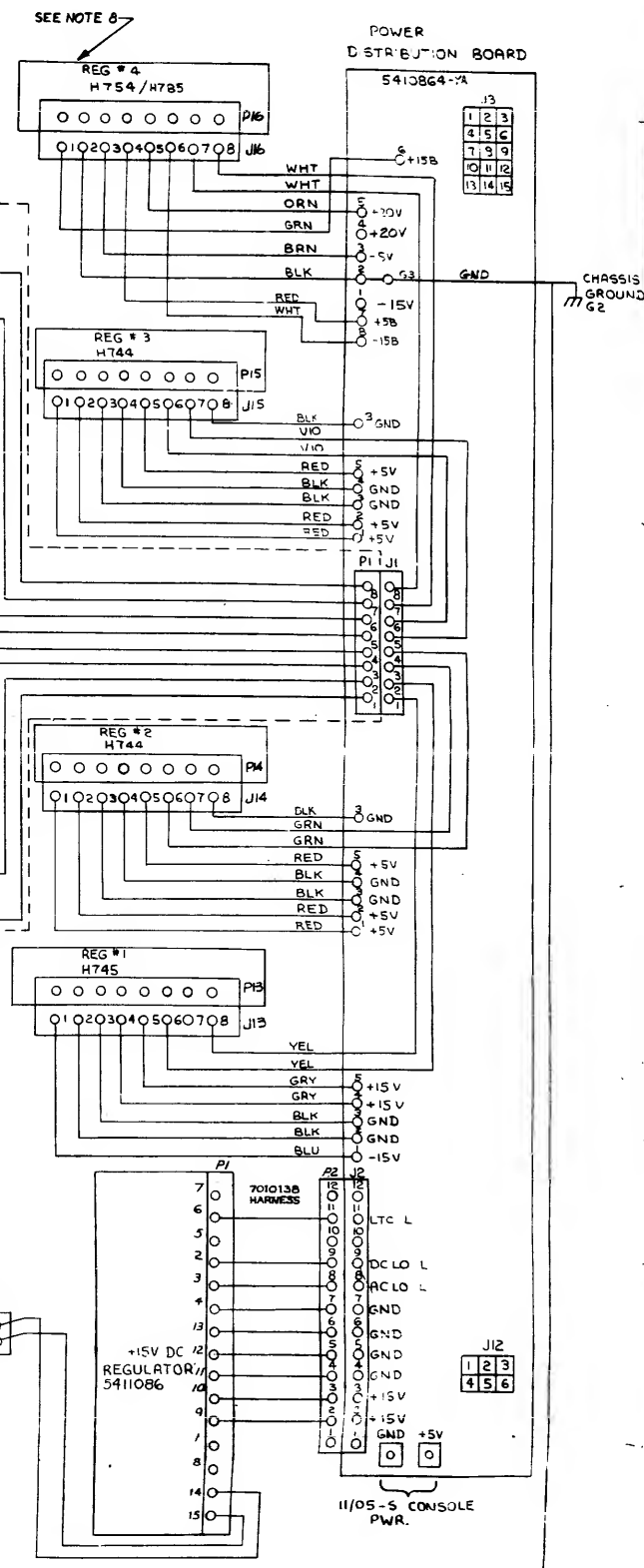
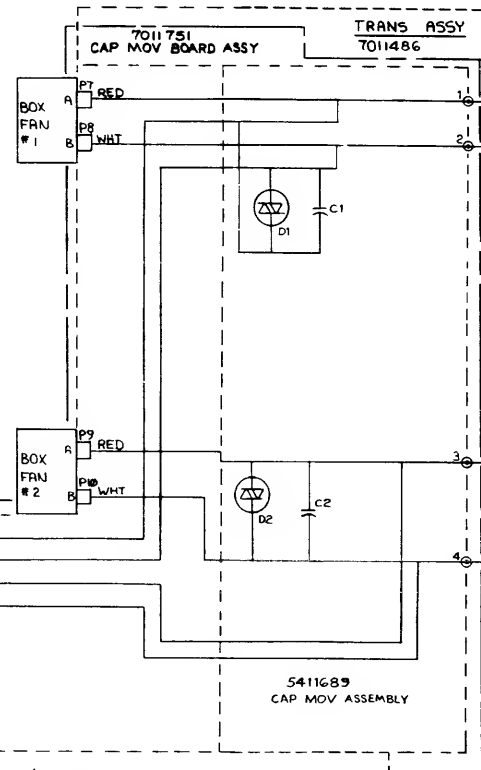


CONNECTION TABLE			CONNECTION TABLE		
FROM	TO	SIGNALS	FROM	TO	SIGNALS
P2 FROM TRANS. ASSY	J2 FROM +15V REG.	28 VAC	P4 FROM +15V REG.	J2 LOCATED ON PWR. DIST. BD	-15V LTC L, AC LO L, DC LO L, GND
J16 FROM PWR. DIST. BD	P16 LOCATED ON REG. #4 (H754)	GND, -5V, +20V 28 VAC			
J15 FROM PWR. DIST. BD	P15 LOCATED ON REG. #3 (H744)	GND, +5V, 28VAC	P5 FROM TRANS. ASSY	J5 LOCATED ON AC INPUT BOX	120/240 VAC
J14 FROM PWR. DIST. BD	P14 LOCATED ON REG. #2 (H744)	GND, +5V, 28VAC	P7 (RED)	FAN #1 - A	120 VAC - HOT
J13 FROM PWR. DIST. BD	P13 LOCATED ON REG. #1 (H745)	GND, +15V, -15V 28 VAC	P8 (WHT)	FAN #1 - B	120 VAC - NEUTRAL
GND LUG LOCATED ON PWR. DIST. BD, G3	G1 YEL LUG.	SAFETY GROUND	P9 (RED)	FAN #2 - A	120 VAC - HOT
P1 FROM TRANS. ASSY	J1 LOCATED ON PWR. DIST. BD	28 VAC	P10 (WHT)	FAN #2 - B	120 VAC - NEUTRAL
			T1-G	G1	SAFETY GROUND
			G1	G2	ITEM 55



COMMON SIGNAL NAMES FOR 6 PIN AND 15-PIN MATE-N-LOKS ON POWER DISTRIBUTION BOARD

6-PIN	15-PIN
1 - GND	1 - +5V
2 - LTC L	2 - +15V
3 - DC LO L	3 - +20V
4 - AC LO L	4 - +5V
5 - SPARE 4	5 - GND
6 - SPARE 5	6 - SPARE 1
	7 - GND
	8 - GND
	9 - GND
	10 - SPARE 2
	11 - GND
	12 - SPARE 3
	13 - -15V
	14 - -5V
	15 - SPARE 3





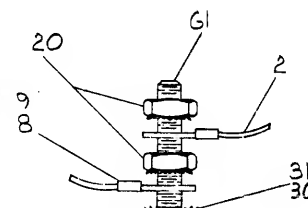
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# NOTES:

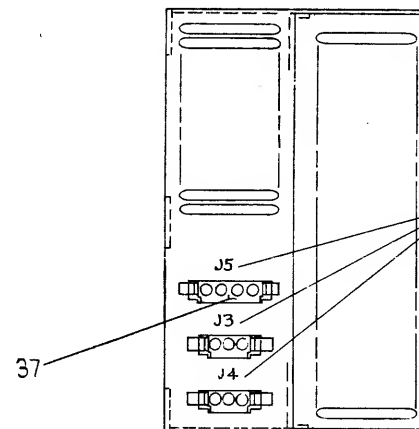
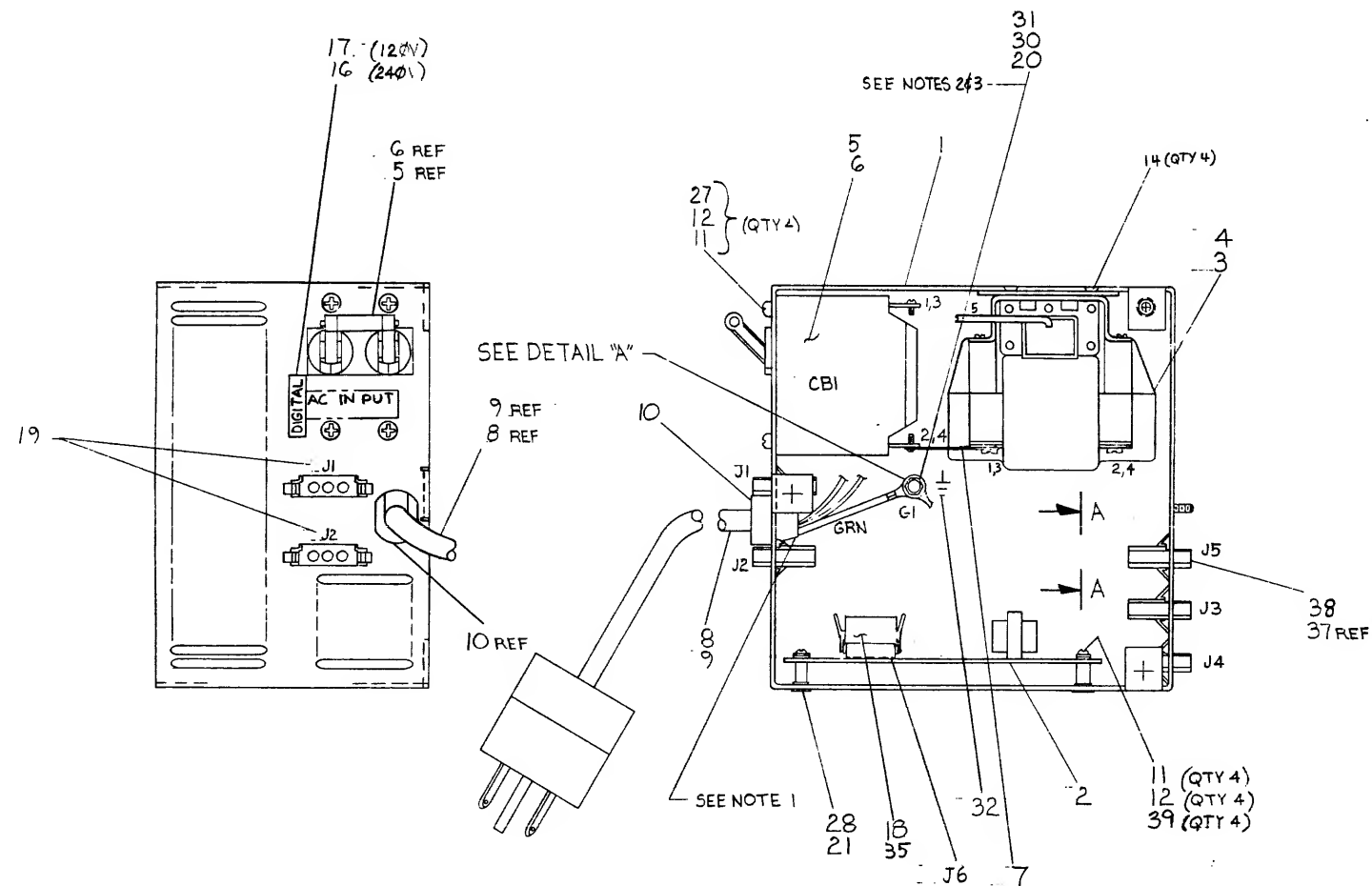
1. LEAVE .5 IN  $\pm$  .2 IN CF OUTER INSULATION OF LINE CORD INSIDE BOX.
2. REMOVE PAINT MASK FROM G1 ONLY AND APPLY CONDUCTIVE GREASE TO AREA AROUND STUD G1 BEFORE INSTALLING ITEMS #31 (LOCKWASHER), LUG ON GRN/YEL WIRE AND #20 (KEPNUT).
3. ENSURE THAT LUG CONNECTED TO GRN/YEL WIRE FROM LINE CORD, WASHER ITEM #31, AND KEPNUT ITEM #20 ARE THE FIRST ITEMS INSTALLED ON G1. SEE DETAIL "A".
4. STRIP LENGTH FOR ITEM #36 AND ITEM #29 SHALL BE .250  $\pm$  .015.
5. STRIP LENGTH FOR ITEM #37  
A. HAND CRIMP .187  $\pm$  .015  
B. AUTOMATIC STRIP .156  $\pm$  .015
6. STRIP LENGTH FOR ITEM #35  
A. HAND CRIMP .203  $\pm$  .015  
B. AUTOMATIC STRIP .182  $\pm$  .015

## LEGEND

NUMBER	VARIATION
7014420-1	120V 47-63HZ 12A
7014420-2	240V 47-63HZ 6A



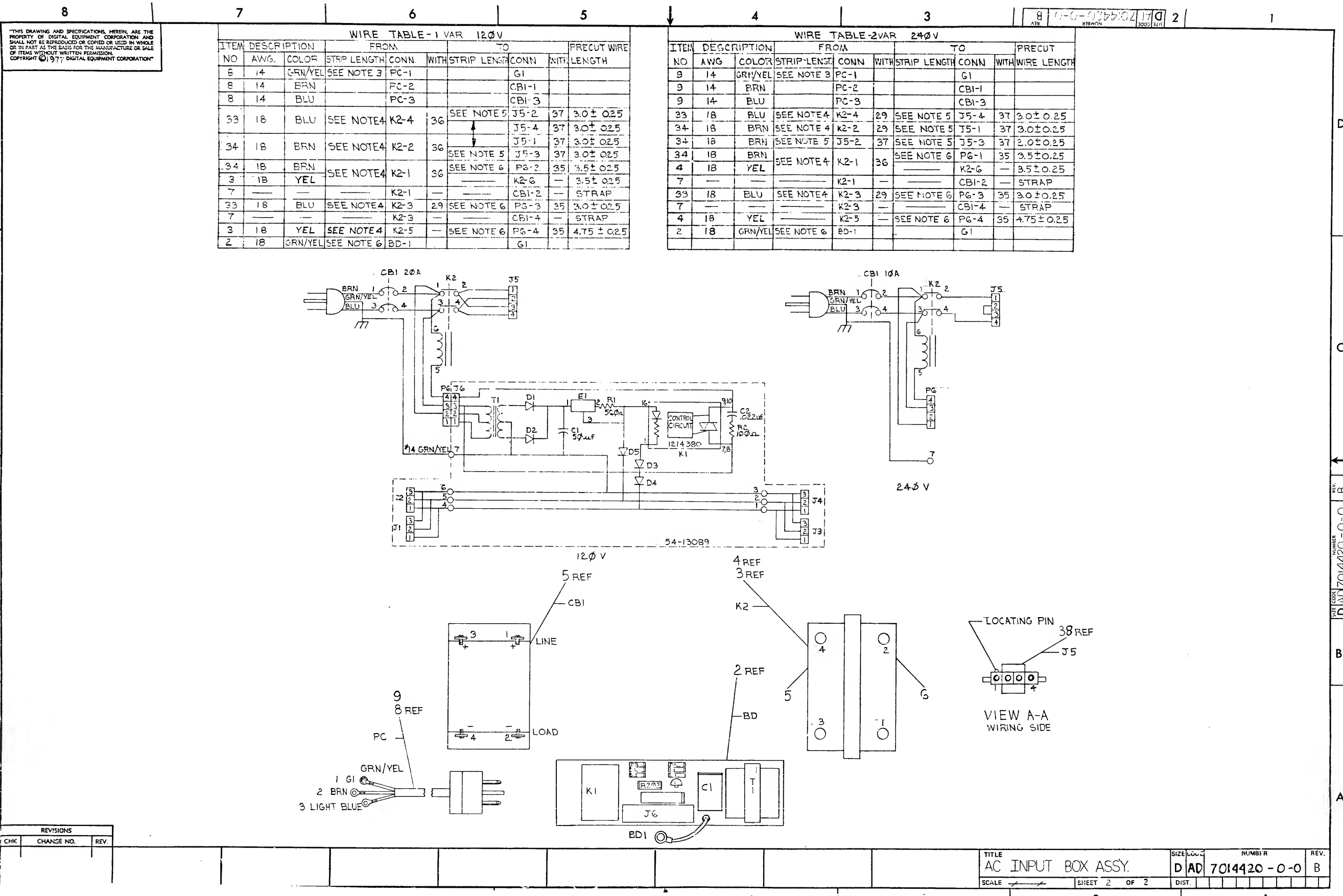
DETAIL "A"  
SEE NOTES 2 & 3



4	4	WASHER, FLAT NYLON	9006707-00	39
1	1	CONN 4 PIN	1209350-04	38
4	4	SOCKET, MATE-N-LOCK	1209379	37
1	3	TERM BLUE RING	9007928	36
4	4	CONNECTOR, SOCKET	1212170-00	35
A/R A/R		WIRE #18 BRN	9107360-11	34
A/R A/R		WIRE #19 BLU	9107360-66	33
1	1	DECAL, SAFETY GROUND	A-DC-3612680-01	32
1	1	WASHER, EXT TOOTH #8	9008072	31
A/R A/R		GREASE, CONDUCTIVE	4901173-01	30
3	1	TERMINAL, RED RING	9007930	29
4	4	SCR PH FL HD 6-32 X 1/4	9006020-02	28
4	4	WASHER, FLAT #6	9006656	27
REF REF		A.C. INPUT BOX ASSEMBLY PROCEDURE	A-SP-7014420-09	26
REF REF		TESTER PARTS LIST	A-PL-7009811-7A-0	25
REF REF		TESTER TEST PROCEDURE	A-SP-7009811-0-8	24
REF REF		TESTER U.A.	A-UA-7009811-0-8	23
REF REF		TESTER C.S.	A-CS-7009811-0-8	22
4	4	SPACER 6-32 X 3/8"	9006844	21
2	2	NUT, KEPS #8-32	9006563	20
1	1	DECAL	A-DC-7409373-10	19
1	1	CONNECTOR, 4 PIN	1212167-01	18
1	1	DECAL 120V 47-63 HZ 12A	A-DC-7412303-1	17
1	1	DECAL 240V 47-63 HZ 6A	A-DC-7412300-1	16
4	4	SCR PH FL HD 6-32 X 1/4	9006020-02	15
4	4	SCR PH FL HD 4-40 X 1/4	9000039-06	14
4	4	NUT, KEPS #8-32	9006563	13
8	8	WASHER, INT TOOTH #6	9006633	12
8	8	SCR PHL FL HD #6-32 X .25	9006020-1	11
1	1	STRAIN RELIEF	9008509	10
1	1	POWER CORD 240V	D-AD-7012500-1	9
1	1	POWER CORD 120V	D-AD-7012500-0	8
2	2	JUMPER STRAP	1214074-02	7
1	1	CIRCUIT BREAKER 10A	1212124-03	6
1	1	CIRCUIT BREAKER 20A	1212124-05	5
1	1	CONTACTOR 240V	1214283-01	4
1	1	CONTACTOR 120V	1214283-00	3
1	1	AC PWR. CONTR BOARD	D-CS-5413089-01	2
1	1	CHASSIS, COMP. MTG.	D-IA-7009312-00	1

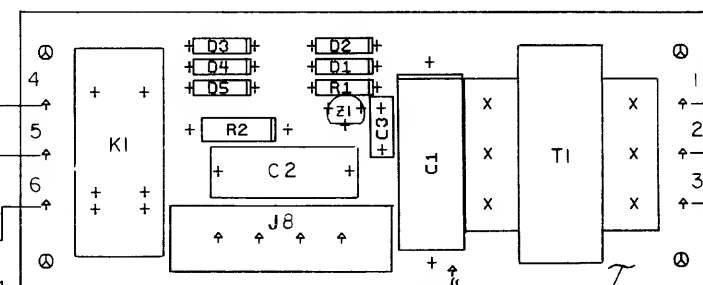
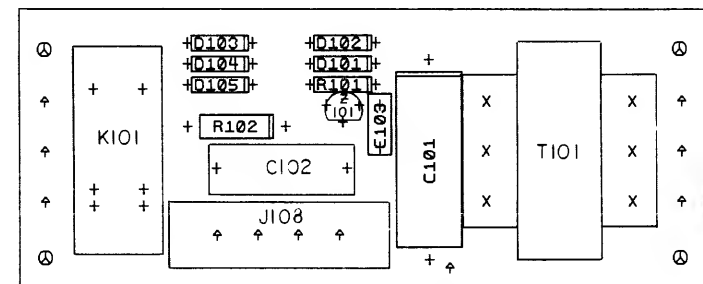
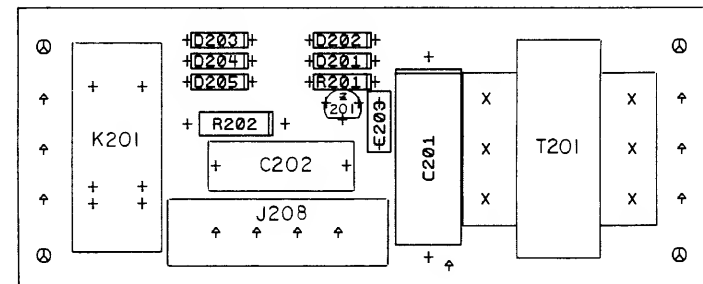
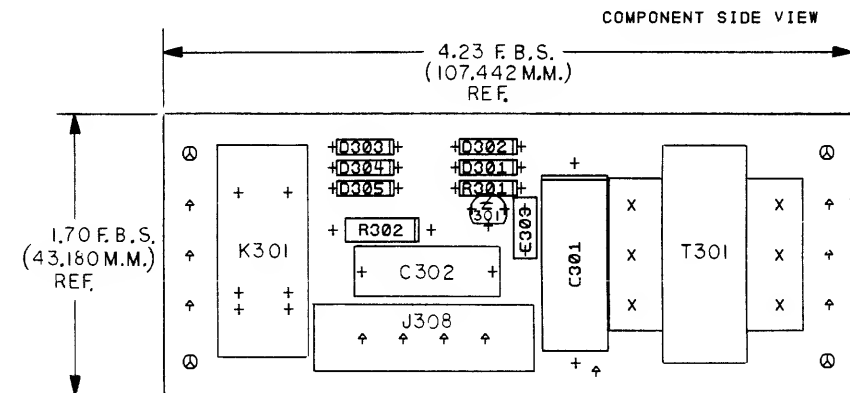
REV	CHG	NO	DATE	BY	CHK
1	A	1	7/26/77	R. KENNEDY	
2	B	1	9-22-77	W.F. BAUSHA	

7014420-2	7014420-1	DESCRIPTION	DWG. PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				
ANGLES 10° 30°	CLASS OF ACCURACY (CHECK ONE)	NOMINAL DIMENSION RANGE INCHES		
SURFACE QUALITY IN	MEDIUM	OVER 0 TO 0.2	OVER 0.2 TO 1.2	OVER 1.2 TO 4.0
MICROINCHES	PREFERRED	±.004	±.008	±.012
QUANTITY & VARIATION		±.016	±.024	±.04
THIRD ANGLE PROJECTION	DRN: H. Kennedy	6-30-77	FIRST USED ON	H755
REMOVE BURRS AND BREAK SHARP CORNERS	CHK'D: S. H. H.	7-26-77	TITLE	AC INPUT BOX ASSY
DO NOT SCALE DWG	PROJ. ENG: S. H. H.	9-22-77	SIZE	D
MATERIAL	PROD. S. H. H.	10-22-77	CODE	AD
SEE PARTS LIST	NEXT HIGHER ASSY.		NUMBER	7014420-0-0
FINISH	SCALE		REV.	B
	SHEET 1 OF 2			

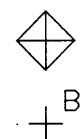


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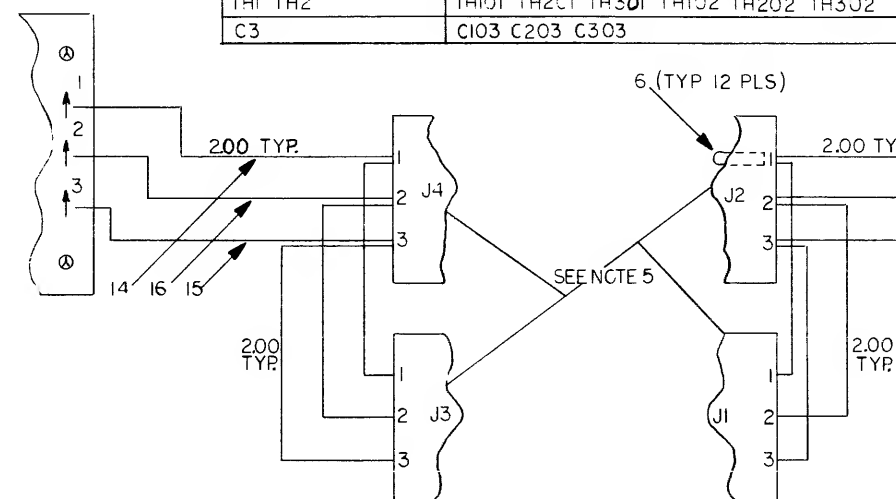
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REFERENCE	DESIGNATION	CHART
ACTUAL REF DES	SUPERFICIAL	REF DES
C1 C2	C101 C201 C301	C102 C202 C302
D1 D2	D101 D201 D301	D102 D202 D302
D3 D4	D103 D203 D303	D104 D204 D304
D5	D105 D205 D305	
J8	J108 J208 J308	
K1	K101 K201 K301	
R1 R2	R101 R201 R301	R102 R202 R302
T1	T101 T201 T301	
Z1	Z101 Z201 Z301	
TH1 TH2	TH101 TH201 TH301	TH102 TH202 TH302
C3	C103 C203 C303	



DETAIL  
"A"



NOTES: 1. THIS BOARD REQUIRES U/L APPROVAL.  
2. DO NOT SLIT BOARD MUST BE SHEARED.  
3. REFER TO PARTS LIST FOR IDENTIFICATION OF NUMBERED ITEMS.  
4. MULTI-REF DESIGNATIONS ARE USED TO ACCOMMODATE PNL INS TECHNIQUES-SEE CHART FOR REF.  
5. J1 J2 J3 J4 ARE NOT USED ON YA VARIATION.

CHANGE NO	REV	DATE	BY	CHK'D
1	ML004		EVANS	E
2			W. BAUSHA	
3			W. BAUSHA	

ETCH REV. C-P1
P.C. DESIGN DATA BASE REV. C

SIGNATURES	DATE	TITLE
DRN. STU EVANS	7-27-78	
CHK'D. W. BAUSHA	1-4-79	
ENG. W. BAUSHA	1/9/79	
PROJ. ENG. W. BAUSHA	1/9/79	
PROD. W. BAUSHA	1/9/79	
SCALE 2/1		
SHT. 1 OF 3		
NEXT HIGHER ASSY. B-D0-5413089-0-0		

digital

A.C. CONTROL BOARD

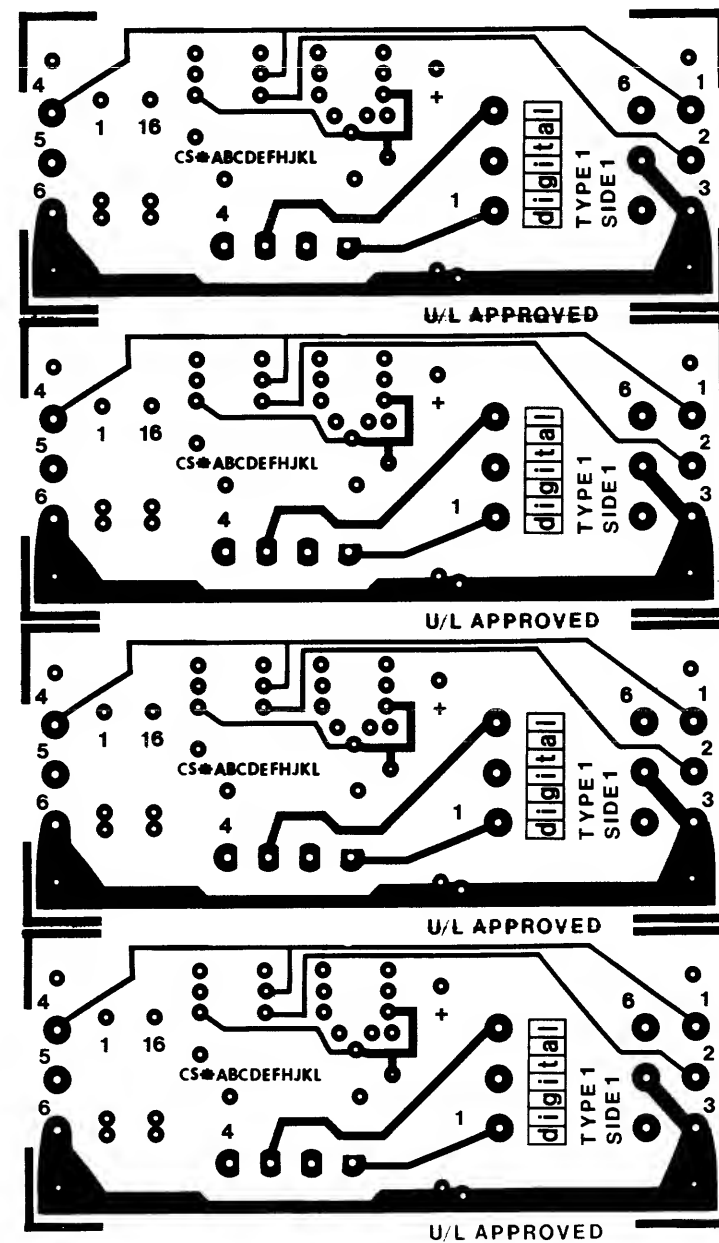
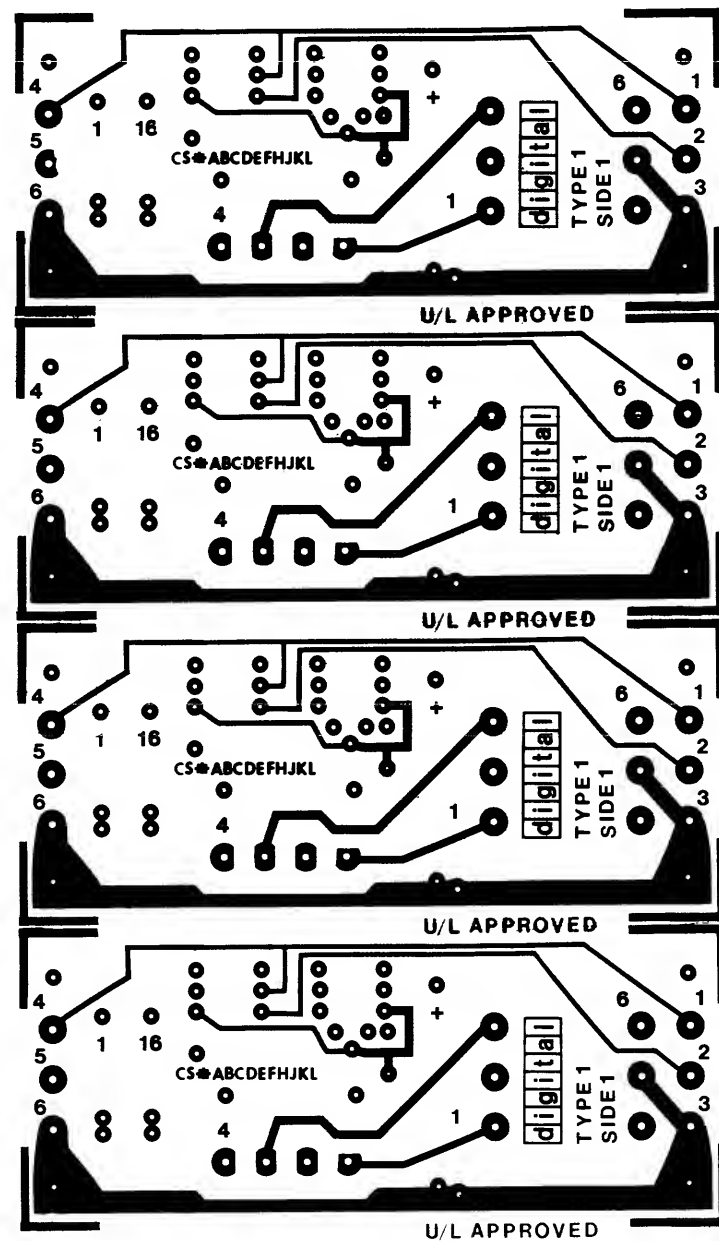
SIZE CODE NUMBER REV  
D UA 5413089-0-0 E

A

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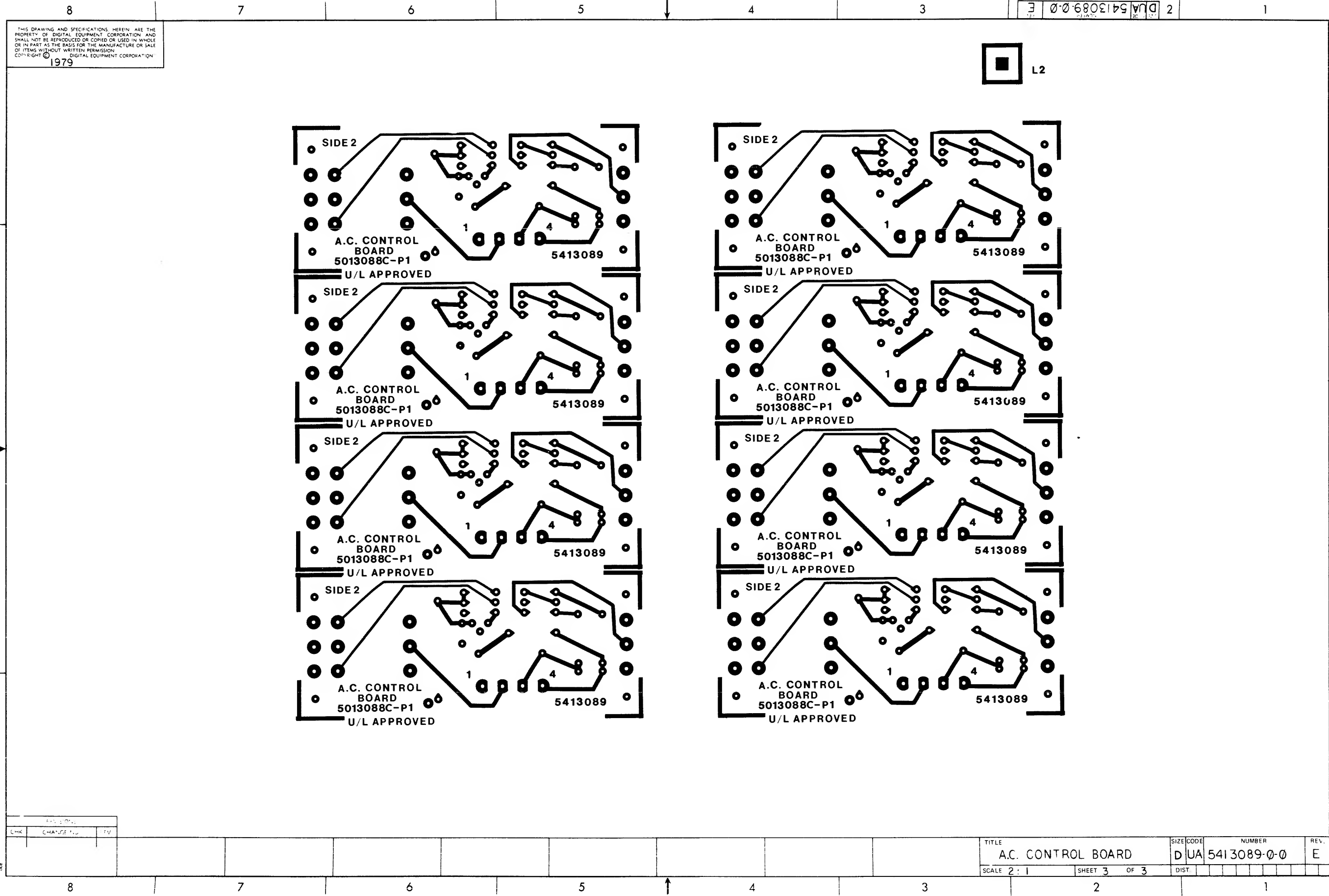
L1

5413089 5013088C-P1



REV	CHANGE NO	DATE

TITLE	AC. CONTROL BOARD	SIZE CODE	D UA	NUMBER	5413089-0-0	REV	E
SCALE	2 : 1	SHEET	2	OF	3	DIST	



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CHK	CHANGE	TV
-----	--------	----

TITLE	SIZE CODE	NUMBER	REV.
A.C. CONTROL BOARD	D UA	5413089-0-0	E
SCALE 2 : 1	SHEET 3 OF 3	DIST.	

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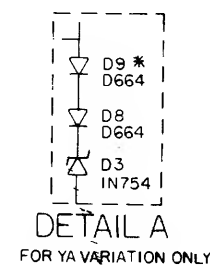
[illegible]







[illegible]



\* D 9 - D664 ADDED FOR YA VARIATION ONLY

RESISTORS ARE 1/4W, 5%

ETCH BOARD REV				F	H												
REVISIONS	IN964A	SAME	MPSA55		DRN	<i>Doc 1</i>	DATE	<i>11-2-71</i>	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	TITLE	5V REGULATOR	SIZE CODE	NUMBER	REV	Y		
	D664	IN3606	2N5302		CHK'D	<i>Nancy Moore</i>	DATE	<i>11-3-71</i>									
	MCR649P-2		D45H8		ENG	<i>A. J. Jones</i>	DATE	<i>11/7/72</i>									
	IN751A	SAME	MPSA05		PROJ. ENG	<i>A. J. Jones</i>	DATE	<i>11/7/72</i>									
	IN4744	SAME			PROD	<i>Chandler</i>	DATE	<i>11/3/72</i>									
	NSR8117				NEXT HIGHER ASSY												
2N6028																	
DEC NO.		EIA NO.		DEC NO.		EIA NO.											
SEMICONDUCTOR CONVERSION CHART																	

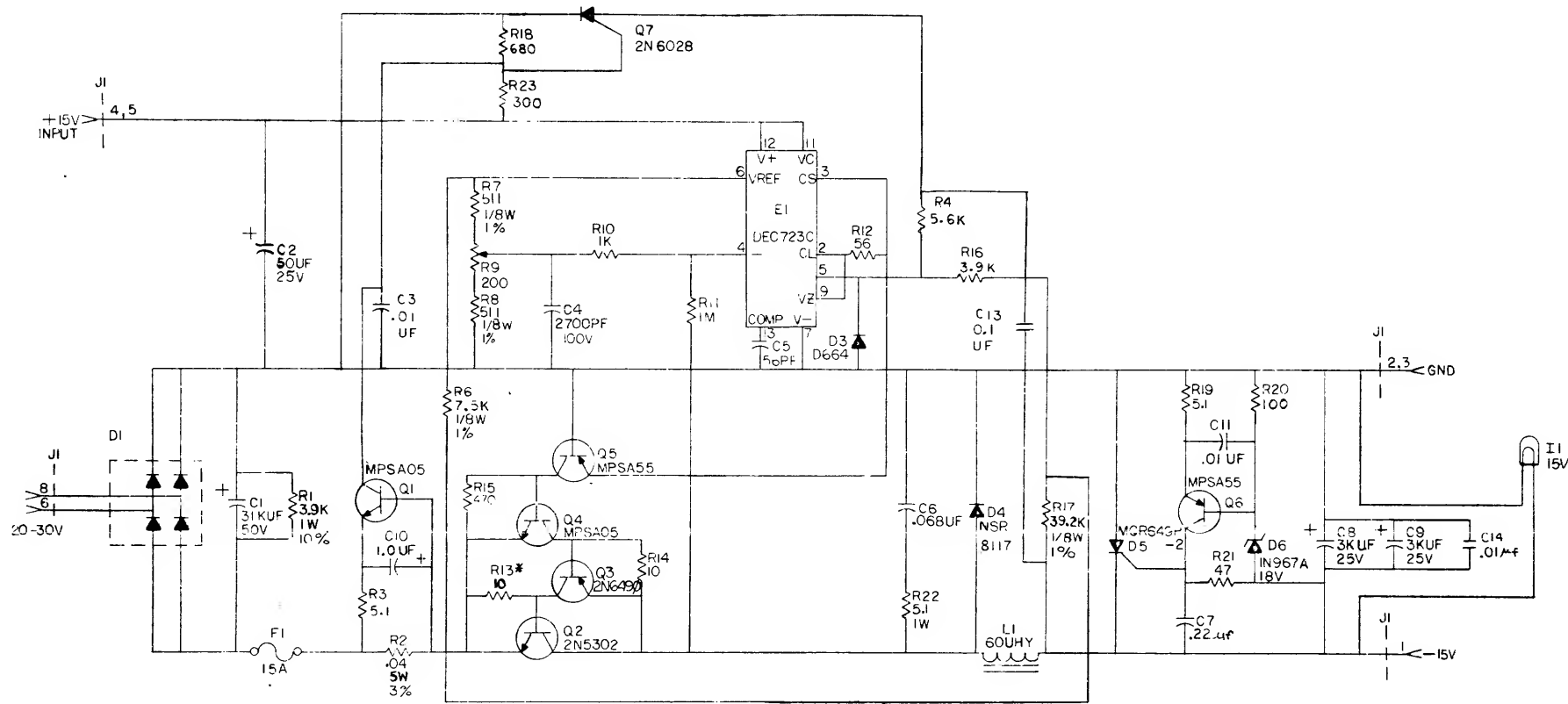
QTY	REF DESIGNATION	DESCRIPTION		PART NO.	ITEM NO.
PARTS LIST					
ETCH BOARD REV	F	H			
MPSA55		DRN. <i>Robert V. Doyle</i>	DATE <i>11-8-71</i>	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>digital</b> </div> <b>EQUIPMENT CORPORATION</b> <small>MAYNARD, MASSACHUSETTS</small>	<b>TITLE</b>  <div style="font-size: 2em; margin-top: 10px;">5V REGULATOR</div>
2N5302		CHK'D. <i>WALTER MURKIN</i>	DATE <i>5-9-71</i>		
D45H8		ENG. <i>11-8-71</i>	DATE <i>11/8/72</i>		
MPSA05		PROJ. ENG. <i>11-8-71</i>	DATE <i>11/8/72</i>		
		PROD. <i>11-8-71</i>	DATE <i>11/8/72</i>		
		NEXT HIGHER ASSY			
DEC NO.	EIA NO.	SCALE		SIZE CODE	NUMBER
		SHEET 1 OF 1		DICS	H744--8-1
CONVERSION CHART				DIST.	REV. Y





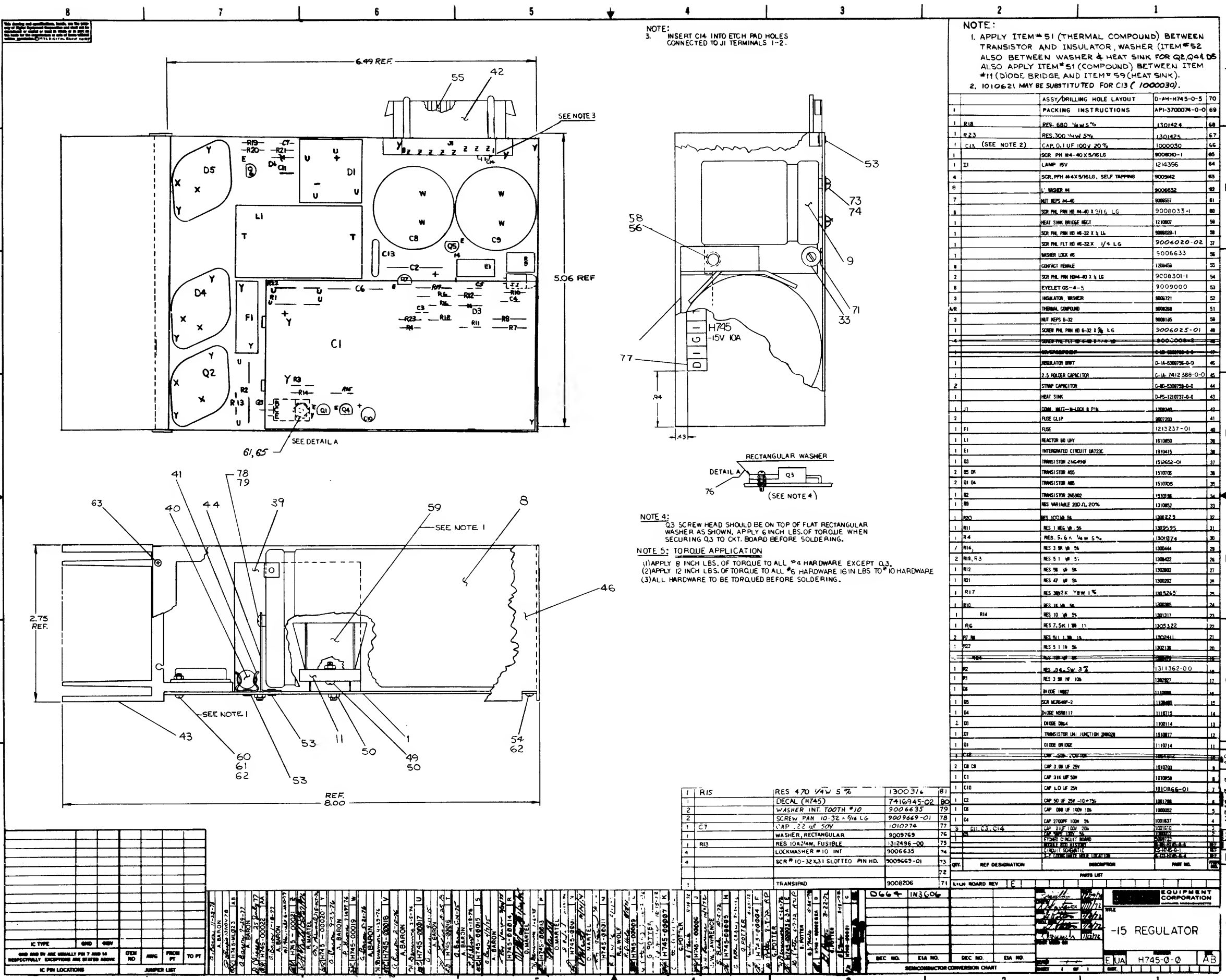


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DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASS.



\* FUSIBLE  
UNLESS OTHERWISE INDICATED:  
RESISTORS = 1/4W, 5%

QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
1	D664	IN 3606	D45H 8	
1	NSR 8117	2N 6028		
1	MCRC4SP-2			
1	IN 967A	SAME		
1	2N 5302			
1	MPS A05			
1	MPS A55			
1	DEC 723C	EIA 723C	DEC 723C	EIA 723C
SEMICONDUCTOR CONVERSION CHART				
TITLE: -15V REG				
D/CS H745-0-1 AA				



NOTE:  
1. APPLY ITEM #51 (THERMAL COMPOUND) BETWEEN TRANSISTOR AND INSULATOR, WASHER (ITEM #52) ALSO BETWEEN WASHER & HEAT SINK FOR Q2, Q4, Q5. ALSO APPLY ITEM #51 (COMPOUND) BETWEEN ITEM #11 (DIODE BRIDGE) AND ITEM #59 (HEAT SINK).  
2. 1010621 MAY BE SUBSTITUTED FOR C13 (1000030).

ITEM	DESCRIPTION	QTY	REF. DESIG.
1	ASSY/DRILLING HOLE LAYOUT	1	0-44-H745-0-3
2	PACKING INSTRUCTIONS	1	API-3700074-0-0
3	RES. 680 1/4W 5%	1	1301424
4	RES. 300 1/4W 5%	1	1301425
5	CAP. 0.1UF 100V 20%	1	1000030
6	SCR. PH. #4-40 X 5/16 LG	1	9006040-1
7	LAMP. 15V	1	1214356
8	SCR. PH. #4 X 5/16 LG, SELF TAPPING	1	9009442
9	WASHER #6	1	9006632
10	NUT. #6-40	1	9006631
11	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
12	HEAT SINK BRIDGE RECT	1	1210807
13	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
14	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
15	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
16	WASHER LOCK #6	1	9006633
17	CONTACT FEMALE	1	1208458
18	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
19	EYELET GS-4-5	1	9009000
20	INSULATOR, WASHER	1	9006721
21	THERMAL COMPOUND	1	9006728
22	NUT. #6-40	1	9006125
23	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
24	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
25	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
26	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
27	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
28	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
29	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
30	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
31	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
32	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
33	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
34	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
35	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
36	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
37	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
38	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
39	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
40	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
41	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
42	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
43	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
44	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
45	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
46	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
47	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
48	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
49	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
50	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
51	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
52	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
53	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
54	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
55	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
56	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
57	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
58	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
59	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
60	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
61	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
62	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
63	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
64	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
65	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
66	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
67	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
68	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
69	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
70	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
71	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
72	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
73	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
74	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
75	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
76	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
77	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
78	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
79	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
80	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
81	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
82	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
83	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
84	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
85	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
86	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
87	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
88	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
89	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
90	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
91	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
92	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
93	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
94	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
95	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
96	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
97	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
98	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
99	SCR. PH. #4-40 X 3/16 LG	1	9006033-1
100	SCR. PH. #4-40 X 3/16 LG	1	9006033-1

NOTE 4:  
Q3 SCREW HEAD SHOULD BE ON TOP OF FLAT RECTANGULAR WASHER AS SHOWN. APPLY 6 INCH LBS. OF TORQUE WHEN SECURING Q3 TO CKT. BOARD BEFORE SOLDERING.

NOTE 5: TORQUE APPLICATION  
(1) APPLY 8 INCH LBS. OF TORQUE TO ALL #4 HARDWARE EXCEPT Q3.  
(2) APPLY 12 INCH LBS. OF TORQUE TO ALL #6 HARDWARE 16 IN LBS TO #10 HARDWARE  
(3) ALL HARDWARE TO BE TORQUED BEFORE SOLDERING.

IC TYPE	QTY	REF. DESIG.
74181	1	U1
74182	1	U2
74183	1	U3
74184	1	U4
74185	1	U5
74186	1	U6
74187	1	U7
74188	1	U8
74189	1	U9
74190	1	U10
74191	1	U11
74192	1	U12
74193	1	U13
74194	1	U14
74195	1	U15
74196	1	U16
74197	1	U17
74198	1	U18
74199	1	U19
74200	1	U20
74201	1	U21
74202	1	U22
74203	1	U23
74204	1	U24
74205	1	U25
74206	1	U26
74207	1	U27
74208	1	U28
74209	1	U29
74210	1	U30
74211	1	U31
74212	1	U32
74213	1	U33
74214	1	U34
74215	1	U35
74216	1	U36
74217	1	U37
74218	1	U38
74219	1	U39
74220	1	U40
74221	1	U41
74222	1	U42
74223	1	U43
74224	1	U44
74225	1	U45
74226	1	U46
74227	1	U47
74228	1	U48
74229	1	U49
74230	1	U50
74231	1	U51
74232	1	U52
74233	1	U53
74234	1	U54
74235	1	U55
74236	1	U56
74237	1	U57
74238	1	U58
74239	1	U59

THIS IS PRINT SET 

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## SEQUENCE

B-DD-H754-Ø  
E-CS-H754-0-1

[illegible]

REVISIONS		CHG. NO.	REV
DATE			
10-75	H754-9	A	
11-3	H754-10	B	

USED ON OPTION/MODEL		DRN.	DATE	TITLE									
		J. Fleming	2/21/74										
		CHK'D.	DATE										
		J. Fleming	2/21/74										
		PROJ ENG.	DATE										
		E. A. L. L. L.	3-13-74										
		PROD.	DATE	SIZE	CODE	NUMBER					REV		
		Pack 100000	5-14-74	B	DD	H754-0					B		
		FIELD SERV.	DATE	DIST									
		Walt Aubee	7/25/74										
SHEET 1 OF 3													

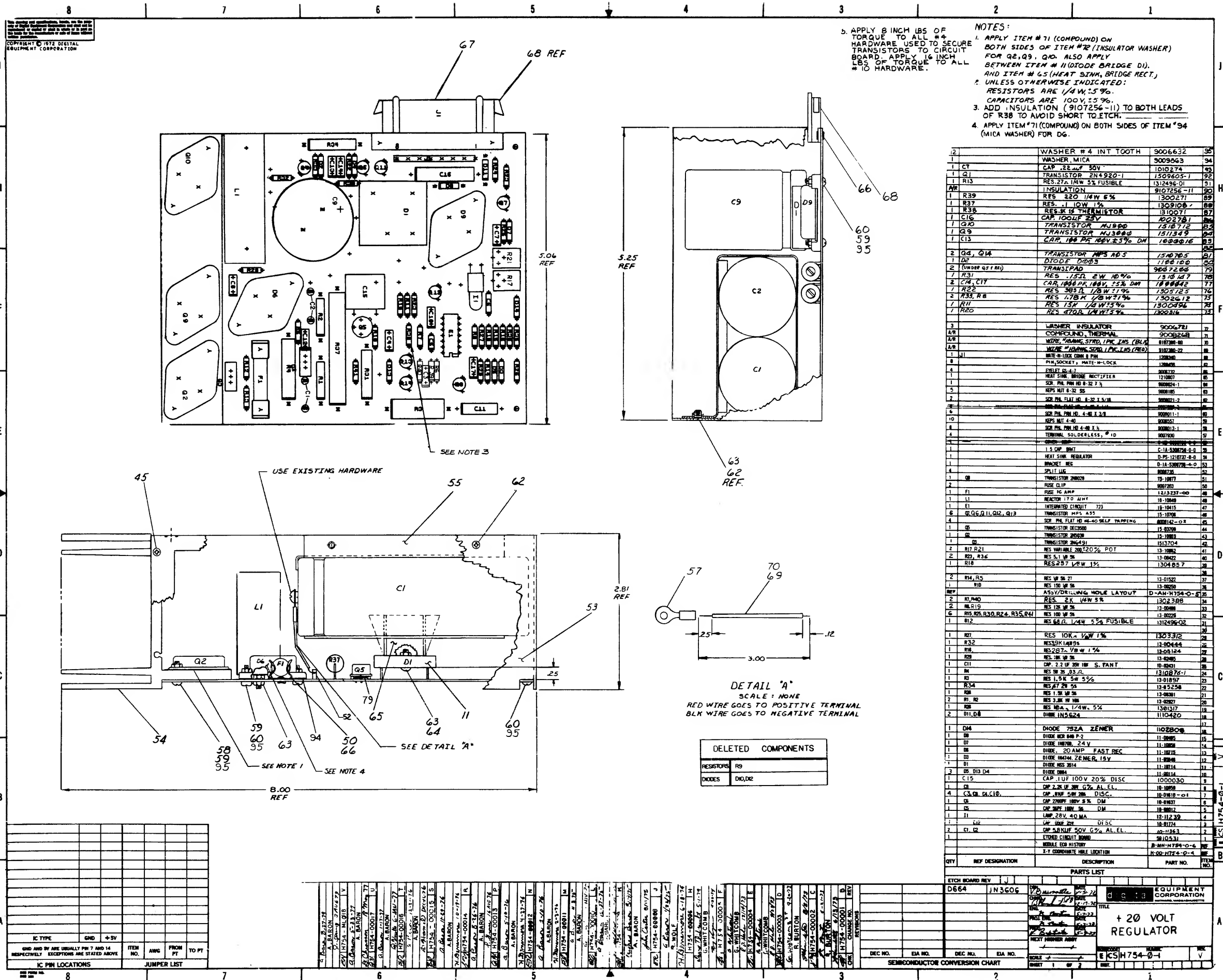




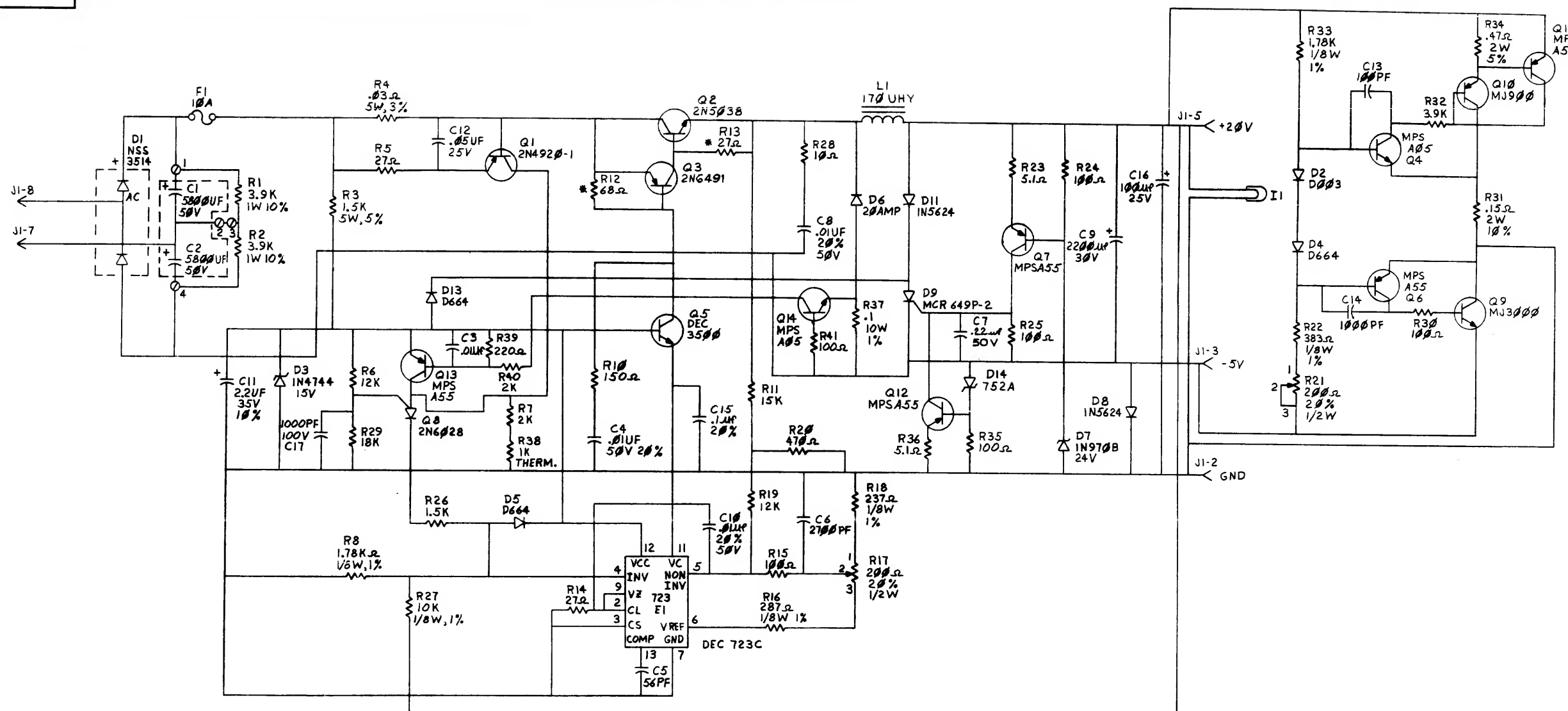
①  
+20 VOLT REGULATOR  
E-CS-H754-0-1

②  
REGULATOR BRACKET  
D-IA-5309756-0-1

TITLE	SHEET	OF	SIZE	CODE	NUMBER	REV
+20 VOLT REGULATOR	3	3	B	DD	H754-Ø	B



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\* FUSIBLE RESISTOR

DRN: R. BISSONNETTE 6-29-72	FIRST USED ON	H754	digital
CHK'D: R. VOWLES 12-17-72	TITLE	+20 VOLT REGULATOR	
ENG. R. BURTON 5-7-73	SIZE	D	
PROJ. ENG. R. BURTON 5-7-73	CODE	CS	
PROD. L. BAPTISTE 5-9-73	NUMBER	H754-0-1	
NEXT HIGHER ASSY.	REV.	V	
SCALE	SHEET	2 OF 2	
DIST.			





8

7

6

5

4

3

2

1

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WIRE TABLE

ITEM NO	DESCRIPTION	FROM	TO	LENGTH	SIGNAL NAME
	AWG	COLOR	CONNECTION WITH	CONNECTION WITH	
24	14	YEL	J1-1	P13-8	12.5" AC/H745
24		YEL	J1-2	P13-6	12.5" AC/H745
25		GRN	J1-3	P14-7	11" AC/H744-1
25		GRN	J1-4	P14-6	11" AC/H744-1
26		VIO	J1-5	P15-7	8.75" AC/H744-2
26		VIO	J1-6	P15-6	8.75" AC/H744-2
27		WHT	J1-7	P16-8	11.25" AC/H754
27		WHT	J1-8	P16-7	11.25" AC/H754
23		BLU	PDBP13-1	P13-1	5" -15V
22		BLK	PDBP13-2	P13-2	GND
22		BLK	PDBP13-3	P13-3	GND
21		GRY	PDBP13-4	P13-4	+15V
21		GRY	PDBP13-5	P13-5	+15V
20		RED	PDBP14-2	P14-2	+5V
22		BLK	PDBP14-3	P14-3	GND
22		BLK	PDBP14-4	P14-4	GND
20		RED	PDBP14-5	P14-5	+5V
20		RED	PDBP15-2	P15-2	+5V
22		BLK	PDBP15-3	P15-3	GND
22		BLK	PDBP15-4	P15-4	GND
20		RED	PDBP15-5	P15-5	+5V
22		BLK	PDBP16-2	P16-2	GND
19		BRN	PDBP16-3	P16-3	-5V
18		ORN	PDBP16-5	P16-5	5" +20V
23		BLU	PDB-15A	PDB-15B	1.75" -15V
18		ORN	PDBP16-5	PDB+20V	5" +20V
19		BRN	PDBP16-3	PDB-5V	2" -5V
33		GRN/YEL	LUG 1	PDBP16-2	11" SAFETY GND
33				LUG 2	15" SAFETY GND
20		RED	PDBP16-7	P16-4	5.5" +5B
20		RED	PDBP15-1	P15-1	5" +5V
20		RED	PDBP14-1	P14-1	5" +5V
22		BLK	PDBP15-4	P15-8	5.5" GND
22		BLK	PDBP14-4	P14-8	GND
27		WHT	PDBP16-6	P16-1	5" +15B
25	14	GRN	PDBP16-8	P16-6	7" 5.5" -15B

BUS BAR CONNECTIONS FOR YA VARIATION

LEVEL	CONNECTIONS	VOLTS
LEVEL A	PDBP16-6 J11,J9,J7,J5,J3 ALL PIN#6	+15V.B
LEVEL B	PDBP16-7 J11,J9,J7,J5,J3 ALL PIN#12	+5V
LEVEL C	PDBP16-8 J11,J9,J7,J5,J3 ALL PIN#15	-15V.B

NOTES:

1. CS REV. K AND EARLIER PWR DISTRIBUTION BOARDS HAD THE GREEN AND WHITE WIRES REVERSED IN COLOR ONLY. THE POINT-TO-POINT CONNECTIONS REMAIN THE SAME.

YA VARIATION ONLY.

SEE NOTE 1

REVISIONS

CHK	CHANGE NO	REV

TITLE

PWR DIST BOARD

SIZE CODE

D|CS

NUMBER

5410864-0-1

REV.

L

SCALE

NONE

SHEET

3

OF

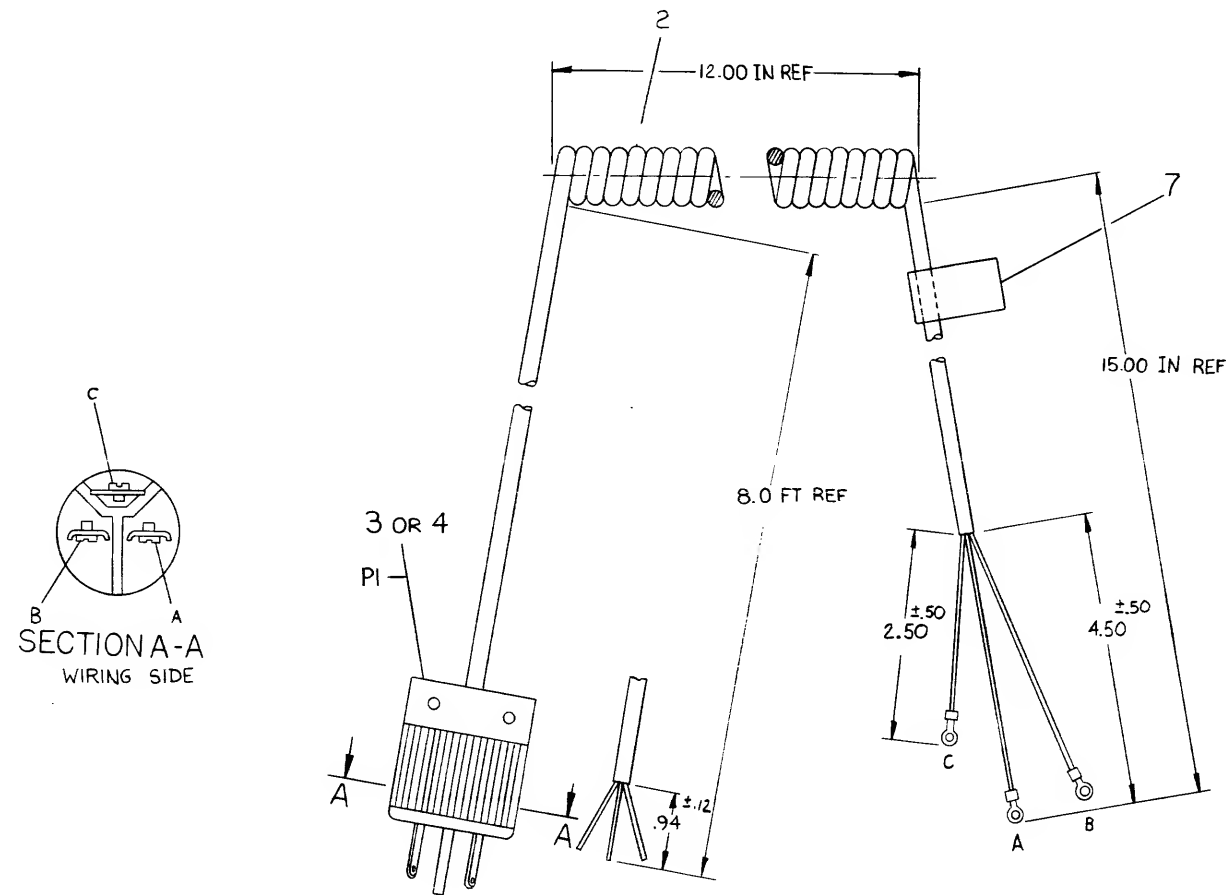
3

DIST.

8		7		6		5		↓		4		3		2																			
<div>"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976, DIGITAL EQUIPMENT CORPORATION"</div>		WIRE TABLE (7012500-0)							WIRE TABLE (7012500-1)																								
		ITEM		DESCRIPTION		FROM		TO		REMARKS		ITEM		DESCRIPTION		FROM		TO		REMARKS													
		NO.		AWG		COLOR		CONNECTION		WITH		CONNECTION		WITH		CONNECTION		WITH		CONNECTION		WITH											
		2		14		BRN		PI-B		—		B		6		AC LINE		2		14		BRN		PI-B		—		B		6		LINE	
		2		14		LT BLU		PI-A		—		A		6		AC NEUTRAL		2		14		LT BLU		PI-A		—		A		6		NEUTRAL	
2		14		GRN/YEL		PI-C		—		C		6		AC SAFETY GND		2		14		GRN/YEL		PI-C		—		C		6		AC SAFETY GND			

LEGEND

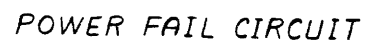
NUMBER	VARIATION
7012500 - 0	120V
7012500 - 1	240V



1	1	TABLE, I.D.	3616073-00	7
3	3	TERMINAL, RING TONGUE	9007928	6
2	2	TERMINAL, QUICK CONNECT	9007919-0	5
1	-	PLUG, 240 V	9008853	4
-	1	PLUG, 120 V	9008938	3
1	1	POWER CORD	1700065-0	2
-	1	POWER CORD	1700065-1	1

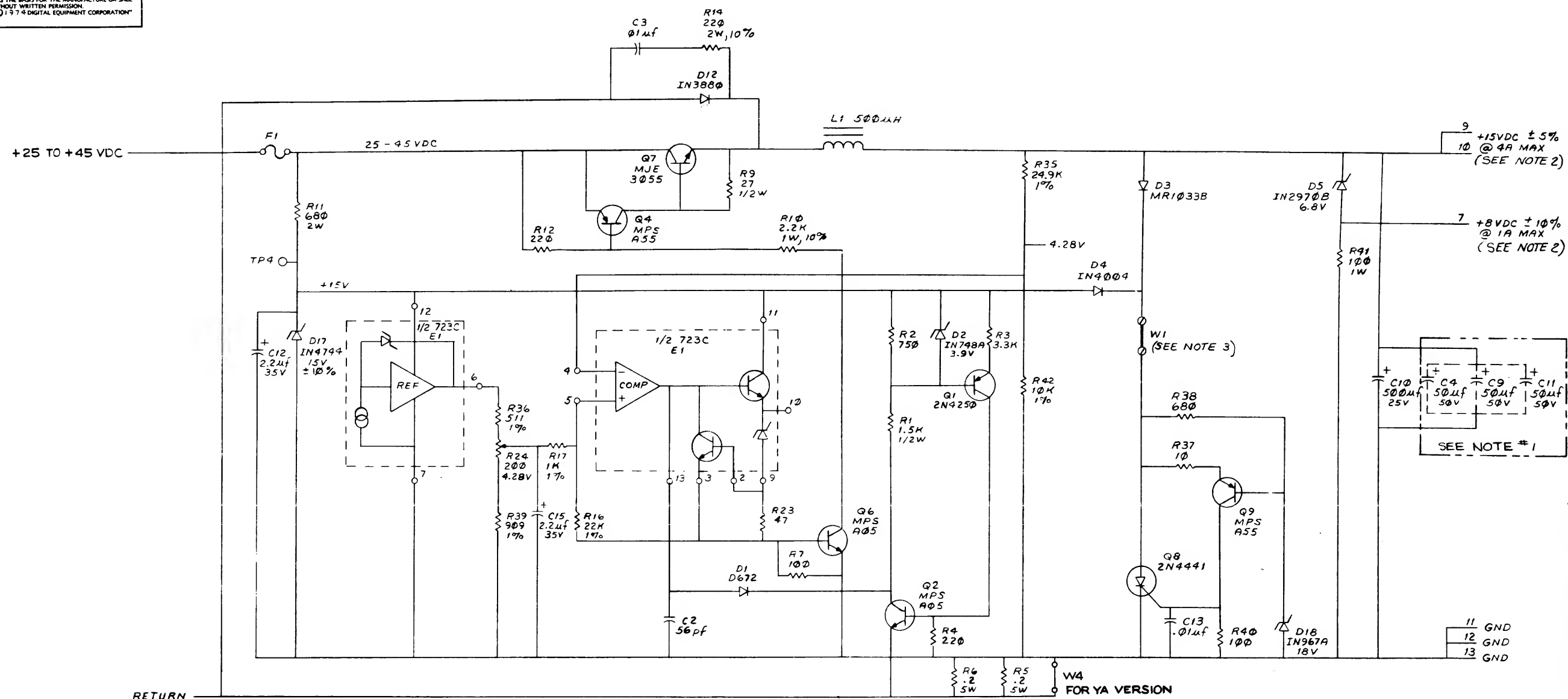
7012500-1		7012500-0		DESCRIPTION		DWG./PART NO.		ITEM NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES									
ANGLES 20° 30'		CLASS OF ACCURACY		NOMINAL DIMENSION RANGE INCHES					
SURFACE QUALITY		IN		OVER 0.2 TO 0.4		OVER 0.4 TO 0.8		OVER 0.8 TO 1.2	
QUANTITY & VARIATION		MEDIUM		0.004		0.008		0.016	
		PREFERRED		0.012		0.016		0.025	
				0.024		0.032		0.040	
				0.048		0.064		0.080	
				0.100		0.125		0.160	
				0.200		0.250		0.315	
				0.500		0.630		0.800	
				1.000		1.250		1.600	
				2.000		2.500		3.150	
				4.000		5.000		6.300	
				8.000		10.000		12.500	
				16.000		20.000		25.000	
				31.500		40.000		50.000	
				63.000		80.000		100.000	
				125.000		160.000		200.000	
				250.000		315.000		400.000	
				500.000		630.000		800.000	
				1000.000		1250.000		1600.000	
				2000.000		2500.000		3150.000	
				4000.000		5000.000		6300.000	
				8000.000		10000.000		12500.000	
				16000.000		20000.000		25000.000	
				31500.000		40000.000		50000.000	
				63000.000		80000.000		100000.000	
				125000.000		160000.000		200000.000	
				250000.000		315000.000		400000.000	
				500000.000		630000.000		800000.000	
				1000000.000		1250000.000		1600000.000	
				2000000.000		2500000.000		3150000.000	
				4000000.000		5000000.000		6300000.000	
				8000000.000		10000000.000		12500000.000	
				16000000.000		20000000.000		25000000.000	
				31500000.000		40000000.000		50000000.000	
				63000000.000		80000000.000		100000000.000	
				125000000.000		160000000.000		200000000.000	
				250000000.000		315000000.000		400000000.000	
				500000000.000		630000000.000		800000000.000	
				1000000000.000		1250000000.000		1600000000.000	
				2000000000.000		2500000000.000		3150000000.000	
				4000000000.000		5000000000.000		6300000000.000	
				8000000000.000		10000000000.000		12500000000.000	
				16000000000.000		20000000000.000		25000000000.000	
				31500000000.000		40000000000.000		50000000000.000	
				63000000000.000		80000000000.000		100000000000.000	
				125000000000.000		160000000000.000		200000000000.000	
				250000000000.000		315000000000.000		400000000000.000	
				500000000000.000		630000000000.000		800000000000.000	
				1000000000000.000		1250000000000.000		1600000000000.000	





1. R45, R46, C4, C9 & C11 ARE NOT USED ON BASIC 5411086 BUT ARE RESERVED FOR PLANNED FUTURE MODULE VARIATIONS.
2. \*\* TOTAL +15V & +5V CURRENT NOT TO EXCEED 4.0 AMPERES.
3. W1 (TEST JUMPER) MAY BE TEMPORARILY REMOVED WHILE TROUBLE -SHOOTING TO DETERMINE IF LOSS OF 15V IS DUE TO CROWBAR CIRCUITRY. BUT MUST BE IN THE BOARD FOR NORMAL OPERATION.
4. YA VERSION DOES NOT CONTAIN +15VDC REG.

DND POWERS 1-17-79		FIRST USED ON		digital	
CHK'D <i>Pete</i>	2-15-79	TITLE POWER LINE MONITOR 15V REG			
ENG. <i>A. Bann</i>	2-6-79				
PROJ. ENG. <i>a. Bann</i>	2-6-79				
PROD. <i>Franklin</i>	2-15-79				
NEXT HIGHER ASSY.					
B-DD-5411086-0		SIZE	CODE	NUMBER	REV
SCALE NONE		D	CS	5411086-0-1	N
SHEET	OF 2	DIST.			




15V REGULATOR  
(SEE NOTE #4)

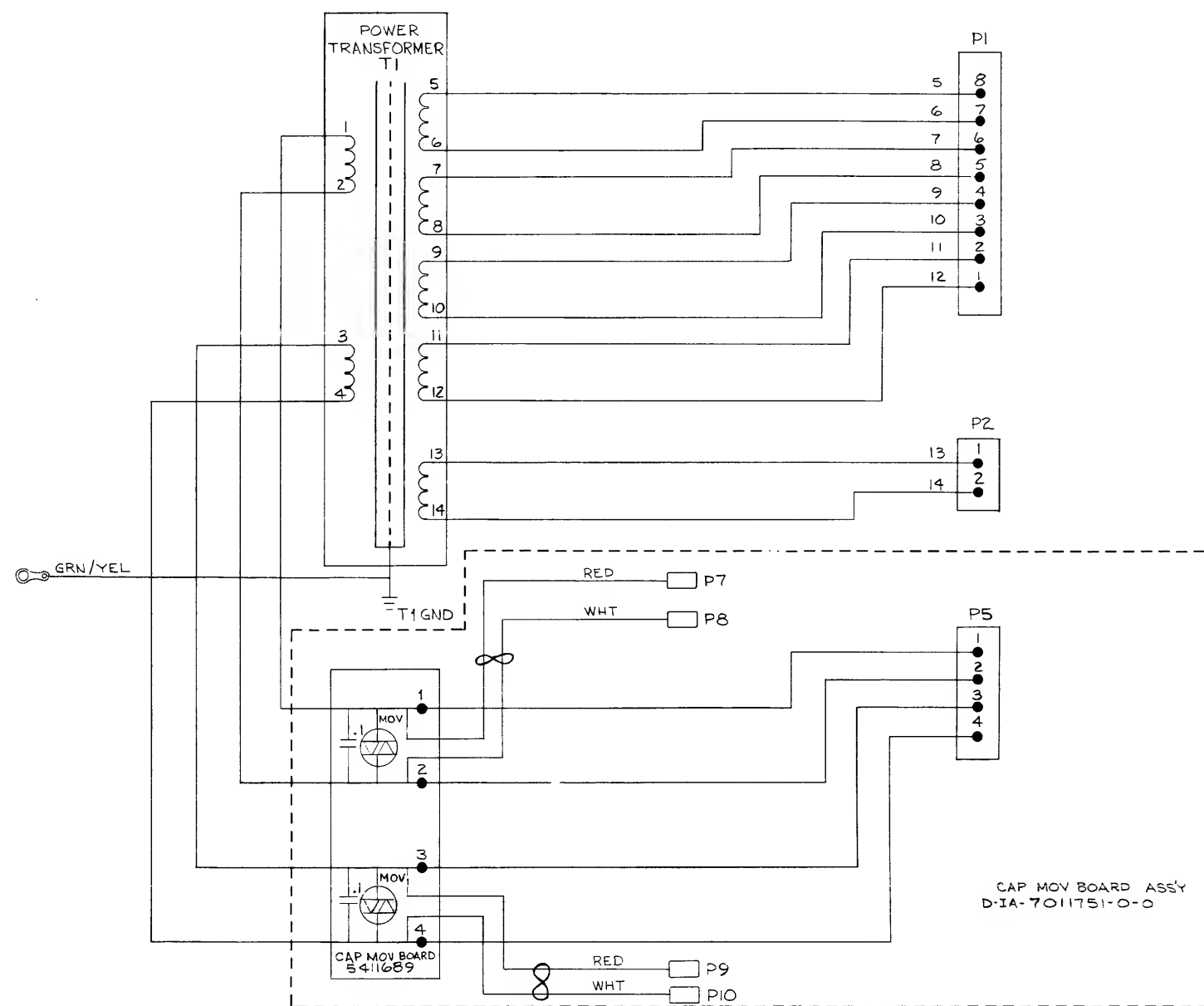
REVISIONS		
CHK	CHANGE NO	REV

REF	TRANSFORMER ASSY PROCEDURE	A-5P-7011486-0-9	13
1	COVER	C-1A-7414301-0-0	12
2	NUT, KEP*10-32	9006665	11
2	SPACER, 3/8"OD X 1/2LG	900TB31	10
1	CAP MOV BOARD ASSY	D-1A-701751-0-0	9
2	WASHER, FLAT #37X.213ID	9006664	8
1	GROUND LUG	9008150	7
1	DECAL	A-DC-7409872-0-0	6
A/R	CABLE TIES 5 1/4 L X 1/3 W	9007880	5
10	PIN, MALE	1209378-1	4
1	CONN., 2 PIN	1210822-2	3
1	CONN., 8 PIN	120934C-01	2
1	TRANSFORMER	1612524	1

DESCRIPTION		DWG./PART NO.		ITEM NO.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES									
ANGLES 10° 30'		CLASS OF ACCURACY		NOMINAL DIMENSION RANGES INCHES					
SURFACE QUALITY IN		(CHECK ONE)		OVER 0	OVER 0	OVER 0	OVER 0	OVER 0	OVER 0
				12	12	12	12	12	12
MICRON INCHES		MEDIUM <input type="checkbox"/>		0.2	1.2	4.0	12.0	40.0	80.0
				0.2	1.2	4.0	12.0	40.0	80.0
MICRON INCHES		PREFERRED <input type="checkbox"/>		0.012	0.018	0.025	0.040	0.063	0.10
				0.012	0.018	0.025	0.040	0.063	0.10

THIRD ANGLE PROJECTION		DRN. T. <i>Quillen</i>		FIRST USED ON		H782		digital			
		CHK'D <i>W. J. G.</i>		REV. 1		TITLE TRANSFORMER ASS'Y					
		ENG. <i>P. B. G. Murphy</i>		15SEP75							
		PROJ. ENG. <i>R. J. G.</i>		15SEP75							
REMOVE BURRS AND BREAK SHARP CORNERS		PROD. <i>W. J. G.</i>		15SEP75							
DO NOT SCALE DWG		NEXT HIGHER ASSY.									
MATERIAL SEE PARTS LIST		D-0A-H782-0-0		SIZE		CODE		NUMBER		REV.	
FINISH		SCALE		D		AD		7011486-0-0		B	
		SHEET 1 OF 2		DIST.							

ITEM NO.	DESCRIPTION		FROM		TO		WIRE LENGTH
	AWG	COLOR	CONNECTION	WITH	CONNECTION	WITH	
1	14	BLK	TI-1	—	CAP MOV BD-1	SOLDER	1.5 IN
↑	↑	↑	TI-2	—	CAP MOV BD-2	SOLDER	2.0 IN
			TI-3	—	CAP MOV BD-3	SOLDER	2.0 IN
			TI-4	—	CAP MOV BD-4	SOLDER	1.5 IN
			TI-5	—	PI-8	ITEM 4	12.0 IN
			TI-6	—	PI-7	↑	↑
			TI-7	—	PI-6		
			TI-8	—	PI-5		
			TI-9	—	PI-4		
			TI-10	—	PI-3		
			TI-11	—	PI-2	↓	
			TI-12	—	PI-1	ITEM 4	
			TI-13	—	P2-1	ITEM 4	↓
1	14	BLK	TI-14	—	P2-2	ITEM 4	12.0 IN
1	14	GRN/YEL	TI-GND	—	GND LUG (ITEM 7)	SOLDER	16.0 IN



REVISIONS		
CHK	CHANGE NO	REV

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# NOTES:

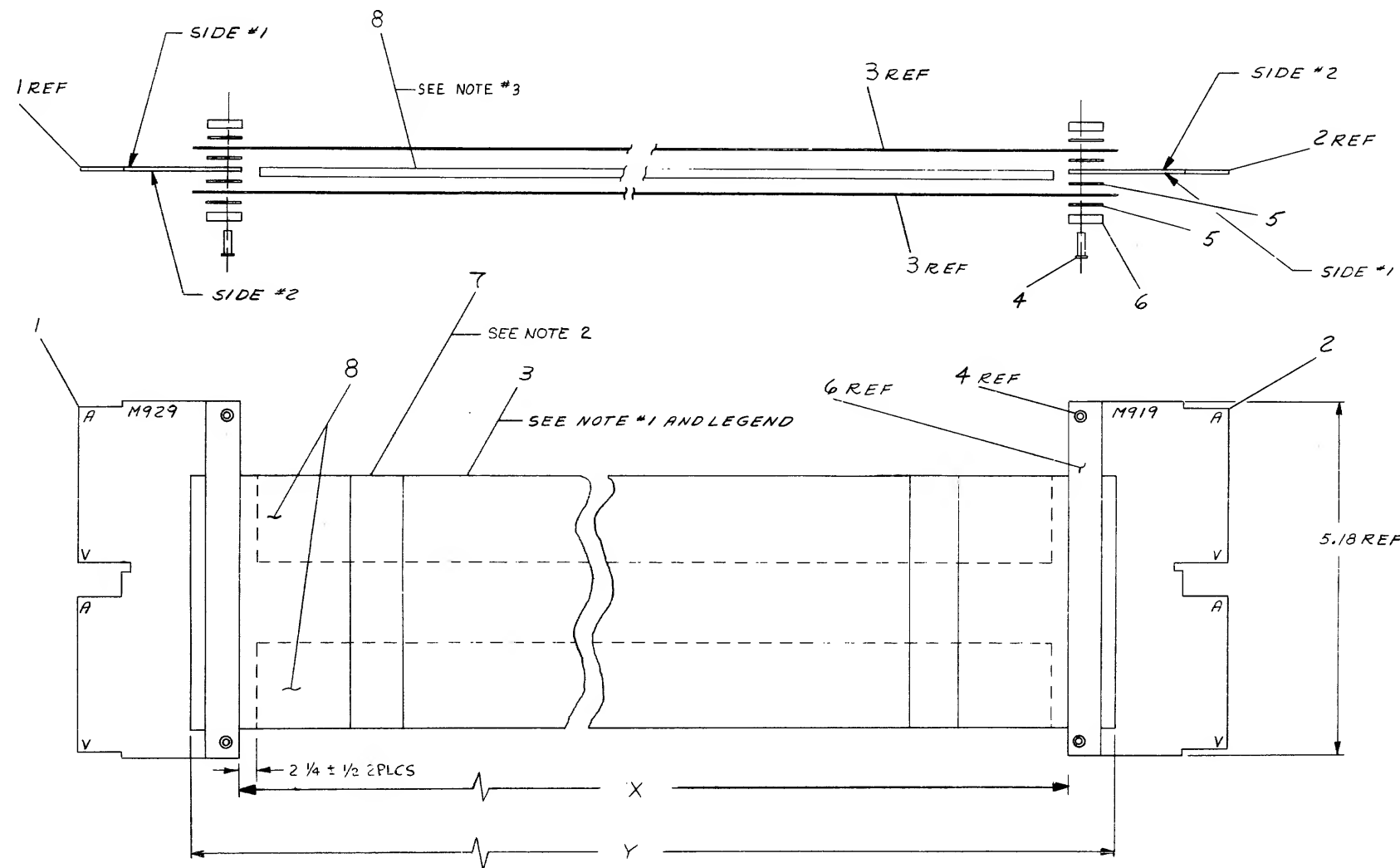
1. VARIATIONS AND LENGTHS SHOWN IN LEGEND ARE STANDARD. OTHER THAN STANDARD VARIATIONS WILL BE SPECIFIED BY ALPHANUMERIC DESIGNATION. FOR LENGTHS OTHER THAN FOOT INCREMENTS FROM ONE (1) FOOT THRU NINE (9) FEET, ELEVEN (11) INCHES.

A = 1" G = 7"  
B = 2" H = 8"  
C = 3" J = 9"  
D = 4" K = 10"  
E = 5" L = 11"  
F = 6"

EXAMPLE: BC11A-3D = 3'4".  
LENGTHS WILL BE IN FOOT INCREMENTS FROM TEN (10) FEET ON, AND WILL BE SPECIFIED BY THE CORRESPONDING NUMERICAL DESIGNATION.  
EXAMPLE: BC11A-11 = 11 FEET.  
THE TOLERANCE ON DIMENSION "A" WILL BE 2% OF THE FOOT INCREMENT.

2. FLEXPRINTS TO BE BOUND TOGETHER BY WRAPPING WITH ELECTRICAL TAPE (ITEM 7) EVERY 18 INCHES.

3. INSTALL 2 PIECES OF FOAM TAPE (ITEM 8) BETWEEN FLEX PRINT CABLES AS SHOWN.

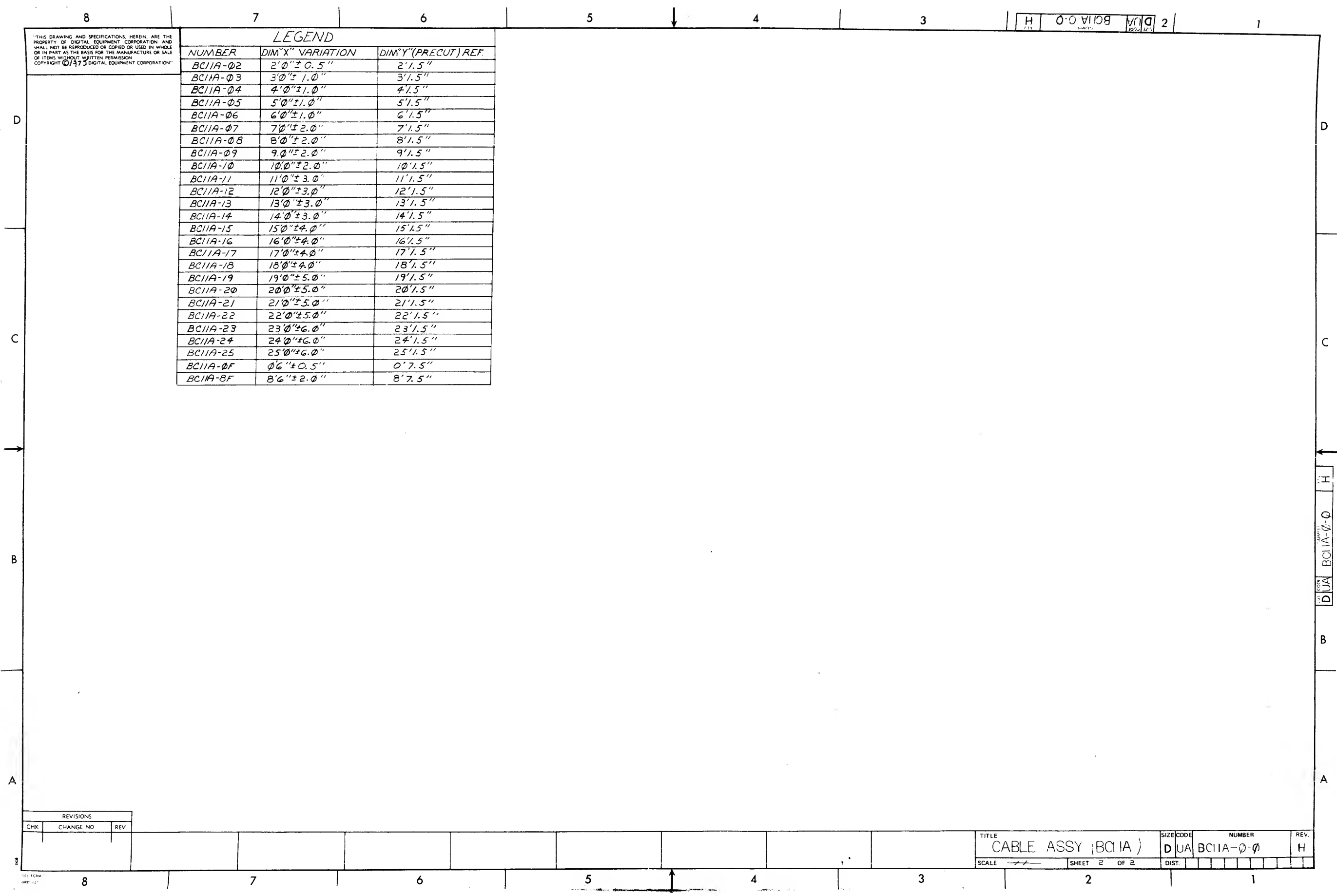


QTY.	DESCRIPTION	PART NO.	ITEM NO.
A/R	GRAY FOAM - 3" WIDE	9008551-01	8
A/R	ELECTRICAL TAPE	9009260	7
4	CLAMP, CABLE	C-SC-120976A-00	6
A/R	TAPE "4032 1/4 W X 3 1/16 L6	9007834-01	5
4	EYELET GS-4-11 STIMPSON	9006750	4
2	CABLE, FLEXPRINT	1700002-01	3
1	EXT. BUS CONN	A-PL-M919-0-0	2
1	BUS CONN	A-PL-M929-0-0	1

DATE	BY	DATE	BY
11/19/69	W. B. B.	11/19/69	W. B. B.
11/19/69	W. B. B.	11/19/69	W. B. B.
11/19/69	W. B. B.	11/19/69	W. B. B.
11/19/69	W. B. B.	11/19/69	W. B. B.
11/19/69	W. B. B.	11/19/69	W. B. B.
11/19/69	W. B. B.	11/19/69	W. B. B.
11/19/69	W. B. B.	11/19/69	W. B. B.
11/19/69	W. B. B.	11/19/69	W. B. B.
11/19/69	W. B. B.	11/19/69	W. B. B.

SCALE	SCALE	SCALE	SCALE
1/1	1/1	1/1	1/1
1/1	1/1	1/1	1/1
1/1	1/1	1/1	1/1
1/1	1/1	1/1	1/1
1/1	1/1	1/1	1/1
1/1	1/1	1/1	1/1
1/1	1/1	1/1	1/1
1/1	1/1	1/1	1/1
1/1	1/1	1/1	1/1

MP-BC11A-0-0



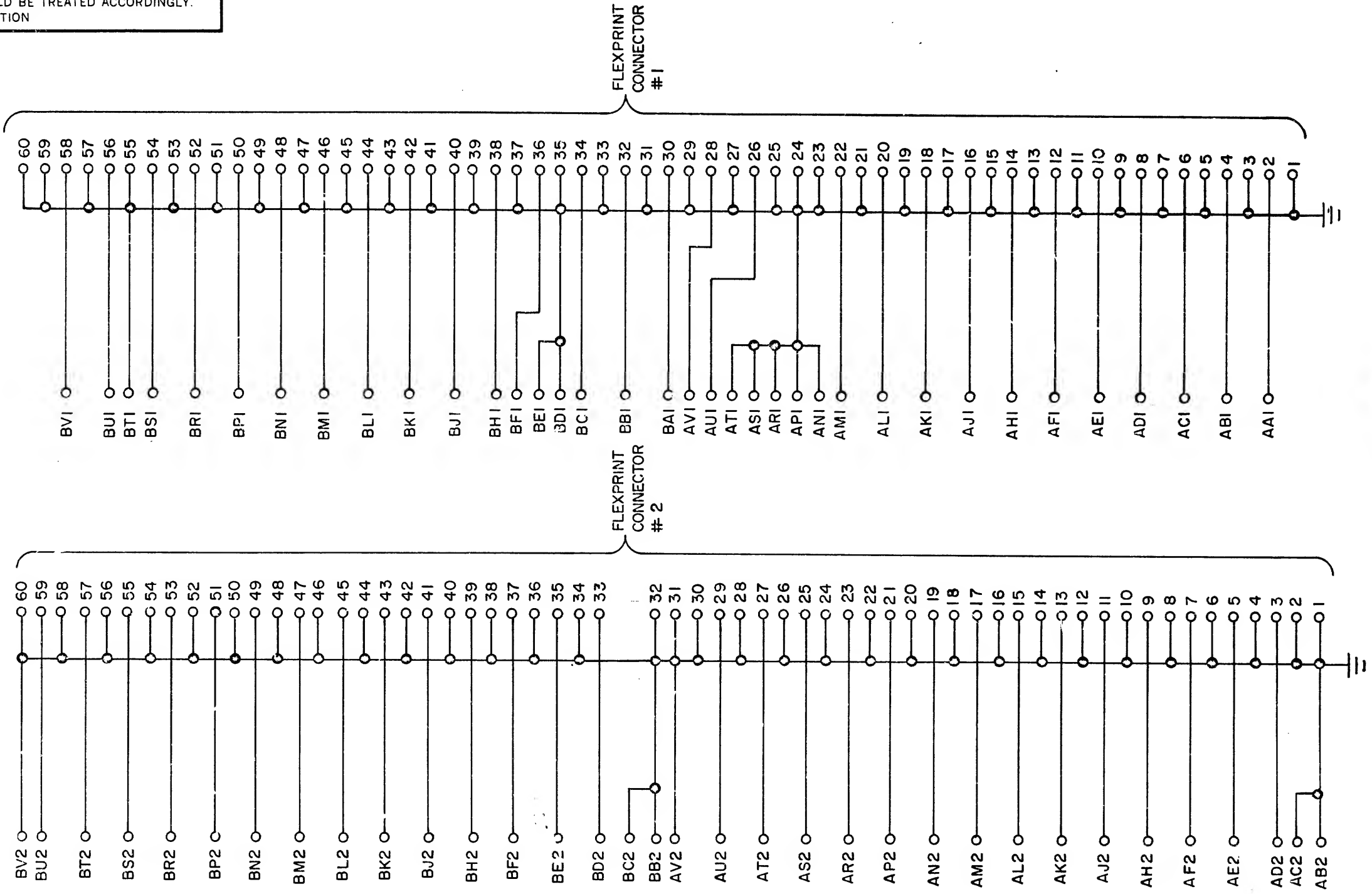
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LEGEND		
NUMBER	DIM"X" VARIATION	DIM"Y"(PRECUT) REF.
BC11A-02	2'0"±0.5"	2'1.5"
BC11A-03	3'0"±1.0"	3'1.5"
BC11A-04	4'0"±1.0"	4'1.5"
BC11A-05	5'0"±1.0"	5'1.5"
BC11A-06	6'0"±1.0"	6'1.5"
BC11A-07	7'0"±2.0"	7'1.5"
BC11A-08	8'0"±2.0"	8'1.5"
BC11A-09	9'0"±2.0"	9'1.5"
BC11A-10	10'0"±2.0"	10'1.5"
BC11A-11	11'0"±3.0"	11'1.5"
BC11A-12	12'0"±3.0"	12'1.5"
BC11A-13	13'0"±3.0"	13'1.5"
BC11A-14	14'0"±3.0"	14'1.5"
BC11A-15	15'0"±4.0"	15'1.5"
BC11A-16	16'0"±4.0"	16'1.5"
BC11A-17	17'0"±4.0"	17'1.5"
BC11A-18	18'0"±4.0"	18'1.5"
BC11A-19	19'0"±5.0"	19'1.5"
BC11A-20	20'0"±5.0"	20'1.5"
BC11A-21	21'0"±5.0"	21'1.5"
BC11A-22	22'0"±5.0"	22'1.5"
BC11A-23	23'0"±6.0"	23'1.5"
BC11A-24	24'0"±6.0"	24'1.5"
BC11A-25	25'0"±6.0"	25'1.5"
BC11A-0F	0'6"±0.5"	0'7.5"
BC11A-8F	8'6"±2.0"	8'7.5"

REVISIONS		
CHK	CHANGE NO	REV

TITLE CABLE ASSY (BC11A)						SIZE CODE DUA	NUMBER BC11A-0-0	REV. H
SCALE 1"=10'						SHEET 2 OF 2		DIST.

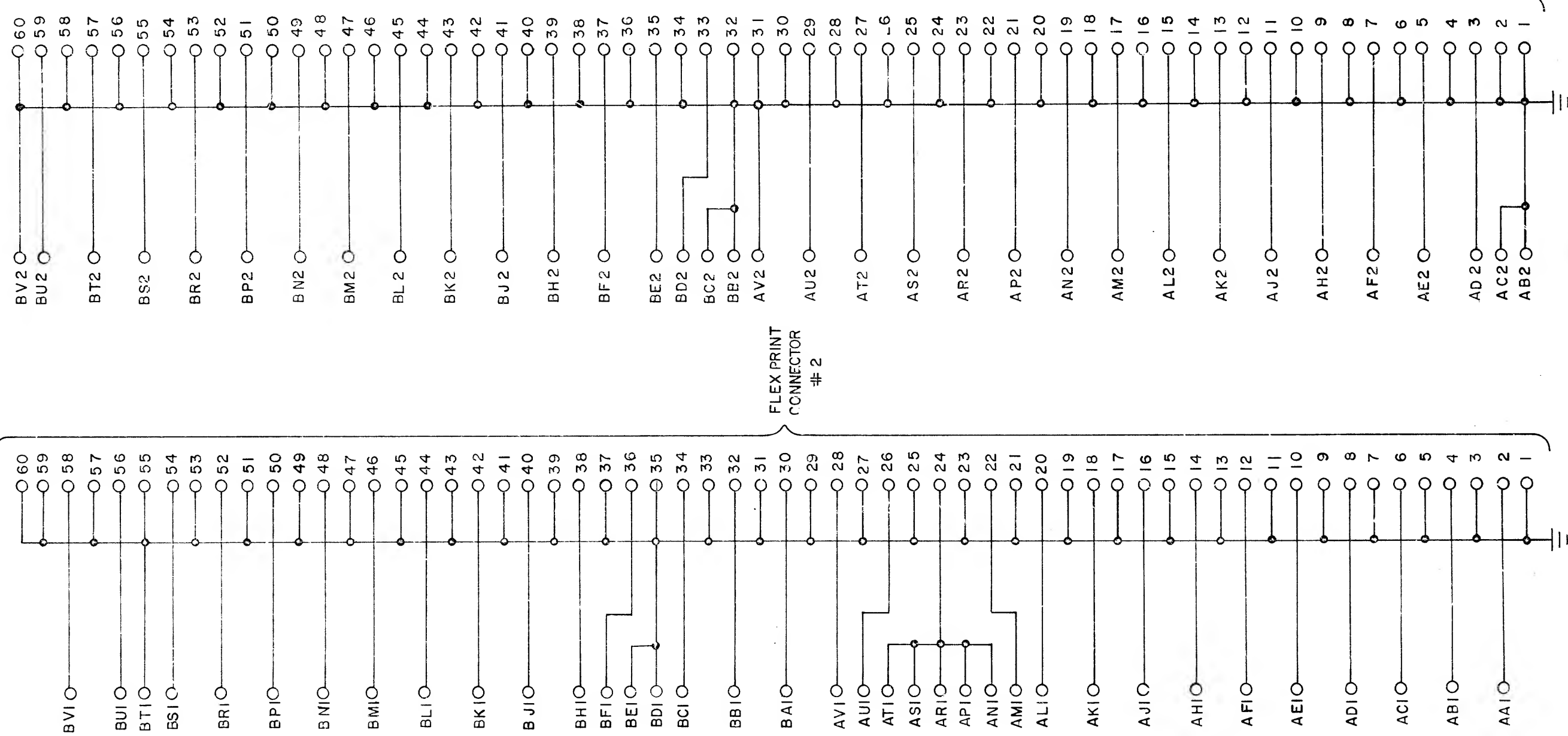
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REVISIONS		DRN.	DATE	TRANSISTOR & DIODE CONVERSION CHART				TITLE			
CHK	CHG NO.	REV.		DEC	EIA	DEC	EIA	SIZE	CODE	NUMBER	REV.
22	00001	A						B	CS	M919-0-1	B
	ML002	B									
				EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS				PRINTED CIRCUIT REV. BC			

DRN. BUTLER  
DATE 10/17/69  
CHK'D G. H. H. G. G.  
DATE 10-20-69  
ENG. C. B. L. S.  
DATE 11-7-69  
PROD. DATE

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REVISIONS		DRN.	DATE	TRANSISTOR & DIODE CONVERSION CHART				TITLE			
CHK	CHG NO	REV		DEC	EIA	DEC	EIA	SIZE	CODE	NUMBER	REV.
								B	CS	M929-0-1	A
EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS										PRINTED CIRCUIT REV. <input checked="" type="checkbox"/> C	